

- Organic Chemistry
- Analytical Chemistry
- Biochemistry
- Material Chemistry

Reagents for Proteomics Research

■ Protein Purification Reagents

Cat. No.	Description	Loading Capacity
1876787	AbCap A 4FF	> 40mg human IgG
1876790	AbCap G 4FF	> 30 mg human IgG
1876815	Butyl beads 4FF	7 mg IgG, 26 mg HAS
1876812	CM beads 6FF	0.09 - 0.13 mmol H ⁺
1876810	DEAE beads 6FF	0.11 - 0.16 mmol Cl ⁻
1880139	Glutathione beads	> 20 mg glutathione
1880140	Glutathione beads 4FF	almost 10 mg glutathione
1876784	GSTCap 4FF	almost 10 mg glutathione
1876781	HisCap 6FF	>40 mg 6×His-tagged protein
1876780	HisCap Smart 6FF	10 mg 6×His-tagged protein
1876813	IexCap CM 6FF	0.09 - 0.13 mmol H ⁺
1876811	IexCap DEAE 6FF	0.09 - 0.13 mmol H ⁺
1876807	IexCap Q 6FF	0.18 - 0.25 mmol Cl ⁻
1876809	IexCap SP 6FF	0.18 - 0.25 mmol H ⁺
1876777	Ni NTA beads 6FF	>40 mg 6×His-tagged protein
1876778	Ni smart beads	10 mg 6×His-tagged Protein
1876779	Ni smart beads 6FF	10 mg 6×His-tagged Protein
1876817	Octyl beads 4FF, 7 mg BSA	7 mg BSA
1876821	Phenyl beads 6FF (high sub)	36 mg BSA
1876819	Phenyl beads 6FF (low sub)	24 mg BSA
1876806	Q beads 6FF	0.18 - 0.25 mmol Cl ⁻
1876785	rProtein A beads	> 40 mg human IgG
1876786	rProtein A beads 4FF	> 40 mg human IgG
1876789	rProtein G beads 4FF	> 30 mg human IgG
1876824	Smartdex G-25	coarse beads
1876825	Smartdex G-25	medium beads
1876826	Smartdex G-25	fine beads
1876808	SP beads 6FF	0.18 - 0.25 mmol H ⁺

■ Protein structure analysis

Cat. No.	Description	CAS
462291	S-Acetylthioglycolic acid N-hydroxysuccinimide ester, 95%	76931-93-6
466475	5-Azido-2-nitrobenzoic acid N-hydroxysuccinimide ester, 97%	60117-35-3
371838	(+)-Biotinamidohehexanoic acid hydrazide, 90%	109276-34-8
992749	1-Chlorobutane, 99.5%, Bioreagent	109-69-3
389641	4-(4-Maleimidophenyl)butyric acid N-hydroxysuccinimide ester, 98%	79886-55-8
905198	Potassium dichromate, 99.5%, Bioreagent	7778-50-9

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**Reagents for
Proteomics Research**

Reagents for Proteomics Research

Proteomics is a methodology for protein analysis that has seen recent advances based on high-throughput screening technologies. Proteomics research not only provides a material understanding of the rules that define biological systems, but also provides a theoretical basis for identifying solutions for many kinds of disease. It is perhaps the most important modern tool for us to explore the mysteries of life.

J&K provides more than 100 products that can be used as proteomics research reagents, including protein electrophoresis reagents, protein crosslinking reagents and protein purification reagents. All J&K products are sure to meet your requirements from basic research to large-scale manufacturing.

■ Protein Electrophoresis Reagents

Cat. No.	Description	CAS
649778	Acrylamide/Bis-acrylamide Solution, 19:1, 40% solution, BioReagent, for electrophoresis	N/A
649777	Acrylamide/Bis-acrylamide Solution, 29:1, 40% solution, BioReagent, for electrophoresis	N/A
978186	Acrylamide/Bis-acrylamide, 19:1, BioReagent, for molecular biology	N/A
990387	Acrylamide/Bis-acrylamide, 29:1, BioReagent, for molecular biology	N/A
1351718	Acrylamide/N,N'-Methylenebisacrylamide, 37.5:1, BioReagent, for molecular biology	N/A
1351721	Acrylamide/N,N'-Methylenebisacrylamide Solution, 24:1, 30% solution, BioReagent	N/A
935853	Acrylamide/N,N'-Methylenebisacrylamide Solution, 37.5:1, 40% solution, BioReagent	N/A
287411	N-Acryloxysuccinimide, 99%	38862-24-7
202233	Adipic acid dihydrazide, 98%	1071-93-8
259379	2-Aminoethanethiol, 96%	60-23-1
977625	Ammonium persulfate, 98%	7727-54-0
350636	4-Benzoylbenzoic acid N-succinimidyl ester, 97%	91990-88-4
502798	1,2-Bis(2-aminoethoxy)ethane, 98%	929-59-9
345271	Brilliant Blue R, dye content 70%	6104-59-2
168877	Bromoacetic acid N-hydroxysuccinimide ester, 95%	42014-51-7
140105	1,4-Butanediol diglycidyl ether, 95%	2425-79-8
1914018	CAPS Buffer	N/A
327499	Coomassie Brilliant Blue G	6104-58-1
227227	1-Cyclohexyl-3-(2-morpholinoethyl)carbodiimide metho-p-toluenesulfonate, 95%	2491-17-0
607568	1,5-Difluoro-2,4-dinitrobenzene, 97%	327-92-4
495017	1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide, 97%	1892-57-5
191243	N,N'-Disuccinimidyl carbonate, 99%	74124-79-1
253405	Di(N-succinimidyl) suberate, 98%	68528-80-3
364566	3,3'-Dithiodipropionic acid, 99%	1119-62-6
540981	(R)-(+)-1,2-Dithiolane-3-pentanoic acid, 98%	1200-22-2
327498	Fast Green FCF, 90%	2353-45-9
190014	[2-[2-(Fmoc-amino)ethoxy]ethoxy]acetic acid, 98.5%	166108-71-0
546604	Genipin, 98%	6902-77-8
902042	Glutaraldehyde, 50 wt.% solution in H ₂ O	111-30-8
972958	Glycerol, 99.5%, ACS reagent	56-81-5
149332	Glycine, 98%	56-40-6
433430	5-Hexynoic acid, 97%	53293-00-8

Cat. No.	Description	CAS
183144	N-Hydroxysulfosuccinimide sodium salt, 98%	106627-54-7
203615	Thioctic acid, 98%	1077-28-7
229882	Maleimidoacetic acid N-hydroxysuccinimide ester, 98%	55750-61-3
415447	3-Maleimidobenzoic acid N-hydroxysuccinimide ester, 98%	58626-38-3
316626	4-Maleimidobutyric acid N-hydroxysuccinimide ester, 98%	80307-12-6
360723	6-Maleimidohexanoic acid, 98%	55750-53-3
245256	6-Maleimidohexanoic acid N-hydroxysuccinimide ester, 98%	55750-63-5
389641	4-(4-Maleimidophenyl)butyric acid N-hydroxysuccinimide ester, 98%	79886-55-8
453319	3-Maleimidopropionic acid, 98%	7423-55-4
141636	3-(Maleimido)propionic acid N-hydroxysuccinimide ester, 99%	55750-62-4
249096	2-Mercaptoethanol, 99%, for electrophoresis and molecular biology	60-24-2
167248	6-Mercapto-1-hexanol, 97%	1633-78-9
1913961	MES/SDS Running Buffer, pH 7.3, 20×	N/A
402847	N,N'-Methylenebisacrylamide, 98%	110-26-9
123536	Naphthol Blue Black, technical grade	1064-48-8
1914020	Phosphate buffered saline, 10×, BioUltra, pH 7.2-7.4	N/A
208322	Ponceau S, dye content 70%	6226-79-5
265747	Propargylamine, 98%	2450-71-7
551313	3-(2-Pyridylthio)propionic acid N-hydroxysuccinimide ester, 96%	68181-17-9
494597	Sebacic acid bis(N-succinimidyl) ester, 97%	23024-29-5
314162	Sodium cyanoborohydride, 95%	25895-60-7
559522	Sodium deoxycholate, 98%	302-95-4
160975	Sodium dodecyl sulfate, 99%, for electrophoresis	151-21-3
296329	Di(N-succinimidyl) 3,3'-dithiodipropionate, 97%	57757-57-0
440927	N-Succinimidyl 4-formylbenzoate P-formylbenzoic acid n-hydroxysuccinimide ester, 98%	60444-78-2
444282	N-Succinimidyl iodoacetate, 95%	39028-27-8
467057	N-Succinimidyl 4-(maleimidomethyl)cyclohexane-1-carboxylate, 99%	64987-85-5
253343	Sulfo-SMCC sodium, 95%	92921-24-9
953858	3',3'',5'',5''-Tetrabromophenosulfonephthalein sodium salt, 0.1 wt.% solution in H ₂ O	34725-61-6
913080	N,N,N',N'-Tetramethylethylenediamine, 99%, extra pure	110-18-9
134574	Thiourea, 99%	62-56-6
1913951	Tris-Glycine native sample loading buffer, 2×	N/A
1913954	Tris-Glycine SDS Sample Buffer, 2×	N/A
226162	Tris(hydroxymethyl)aminomethane, 99.5%, extra pure	77-86-1

■ Protein Crosslinking Reagents

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287411	N-Acryloxysuccinimide, 99%	38862-24-7
202233	Adipic acid dihydrazide, 98%	1071-93-8
259379	2-Aminoethanethiol, 96%	60-23-1
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