

Product Datasheet

Recombinant Human Noggin Protein NBP3-07104-5ug

Unit Size: 5 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Updated 1/25/2025 v.20.1

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NBP3-07104-5ug

Recombinant Human Noggin Protein

Product Information	
Unit Size	5 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	5% Trehalose
Reconstitution Instructions	Briefly centrifuge vial prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to 0.1-1.0 mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS (pH 7.4), 0.02% Tween-20.
Target Molecular Weight	23 kDa

Product Description	
Description	A homodimer containing 205 amino acids corresponding to Noggin Source: <i>Insect cell</i> Uniprot ID: Q13253 Amino Acid Sequence: QHYLHIRPAP SDNLPLVDLI EHPDPIFDPK EKDLNETLLR SLLGGHYDPG FMATSPPEDR PGGGGGAAGG AEDLAELDQL LRQRPSGAMP SEIKGLEFSE GLAQQGKQRL SKKLRRKLQM WLWSQTFCPV LYAWNDLGSR FWPRYVKVGS CFSKRSCSVP EGMVCKPSKS VHLTVLRWRC QRRGGQRCGW IPIQYPIISE CKCSC
Gene ID	9241
Gene Symbol	NOG
Species	Human
Details of Functionality	Biological activity measured by its ability to inhibit BMP-4-induced alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED50 for this effect is 0.04-0.2 ug/mL in the presence of 50 ng/mL of Recombinant Human BMP-4.
Endotoxin Note	Less than 0.1 EU/ug of Noggin as determined by LAL method.

Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity





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Products Related to NBP3-07104-5ug

NBP2-35098-5ug	Recombinant Mouse Noggin Protein
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]
6057-NG-025	Noggin [Unconjugated]
314-BP-010	BMP-4 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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