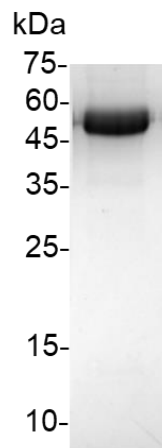


**Recombinant Mouse Noggin Protein**

v. 240401

<b>Catalog number</b>	C02096-5UG / C02096-20UG / C02096-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	Noggin is a bioactive protein intended for use in cell culture applications. Noggin protein which bind to ligands of the TGF-β family and regulate their activity by inhibiting their access to signaling receptors. Noggin was originally identified as a BMP-4 antagonist whose action is critical for proper formation of the head and other dorsal structures.
<b>Source</b>	HEK293
<b>Sequence</b>	MERCPSLGVTLTYALVVVLGLRAAPAGGQHYLHIRPAPSDNLPLVDLIEHPDPIFD PKEKDLNETLLRSLLGGHYDPGFMATSPPEDRPGGGGGPAGGAEDLAELDQL LRQRPSGAMPSEIKGLEFSEGLAQGKKQRLSKKLRRKLQMWLWSQTFCPVLY AWNDLGSRFWPRYVKVGSCFSKRSCSVPEGMVCKPSKSVHLTVLRWRCQRR GGQRCGWIPQIYPIISECKCSC with Fc tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"> <li>-20°C for 12 months in lyophilized state from date of receipt.</li> <li>-20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant Mouse Noggin

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