

## Product Datasheet

### Murine NOGGIN (rMuNOGGIN ) (orb1494917)

<b>Description</b>	Noggin belongs to a group of diffusible proteins which bind to ligands of the TGF- $\beta$ family and regu...
<b>Endotoxins</b>	Less than 1EU/mg of rMuNOGGIN as determined by LAL method.
<b>Preservatives</b>	Lyophilized from a 0.2 $\mu$ m filtered concentrated solution in 30% acetonitrile, 0.1% TFA.
<b>Form/Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Storage</b>	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.
<b>Note</b>	For research use only
<b>Application notes</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 10mM HAc to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.
<b>Protein Sequence</b>	QHLYHIRPAPSDNLPLVDLIEHPDPIFDPKEDLNETLLRSLLGGHYDPGFMATSP PEDRPGGGGGPAGGAEDLAELDQLLRQPSGAMPSEIKGLEFSEGLAQGKKQR LSKKLRRKLQMWLWSQTFPCVLYAWNDLGSRFWPRYVKVGSFCFSKRSCSV PEGMVCKPSK SVHLTVLRWR CQRRGGQRCG WIPIQYPIIS ECKCSC
<b>Source</b>	Escherichia coli.
<b>MW</b>	Approximately 46.4 kDa disulfide-linked homodimer consisting of two 206 amino acid polypeptide chains.
<b>Expiration Date</b>	6 months from date of receipt.