

CHAMOT

Recombinant Noggin, Mouse, AF, HEK293

CM099-5MP

CM099-20MP

CM099-100MP

CM099-500MP

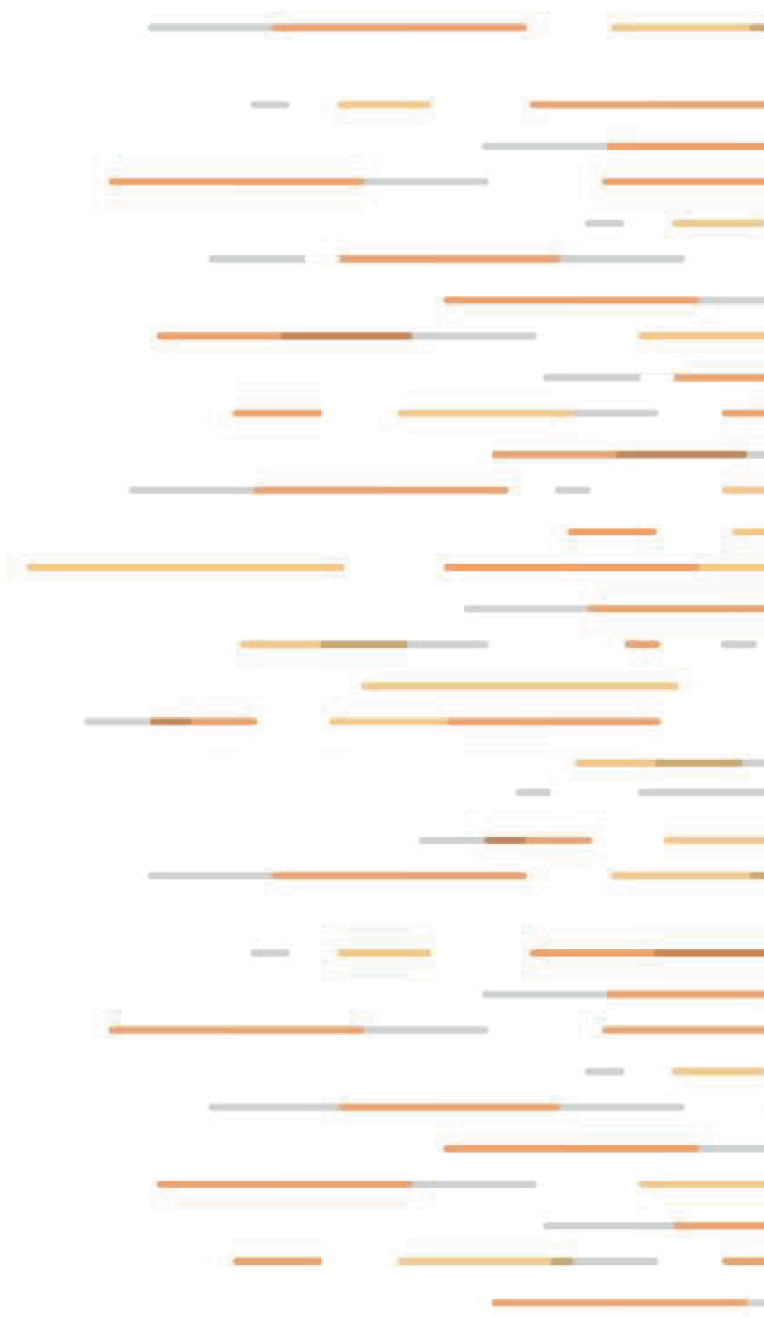
CM099-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines



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Recombinant Noggin, Mouse, AF, HEK293

Catalog#	CM099-5MP	CM099-20MP	CM099-100MP	CM099-500MP	CM099-1000MP
Size	5 ug	20 ug	100 ug	500 ug	1 mg

Product Specifications

Background

Noggin binds members of the transforming Growth Factors-beta (TGF beta) superfamily signaling proteins, such as bone morphogenetic protein-4 (BMP-4), which inactivates their activities. As an extracellular antagonist of BMP proteins, Noggin involves in the development of many body tissues, including nerve tissue, muscles, and bones. In addition, Noggin is able to inhibit chondrocyte differentiation through its interaction with GDF5.

Synonyms

Nog

Uniprot ID

P97466

Molecular Weight

The protein has a calculated MW of 49.14 kDa. The protein migrates as 50 kDa under reducing condition (SDS-PAGE analysis).

Expression System

HEK293 cell

Purity

>95% as determined by SDS-PAGE.

Activity

Testing in process

Endotoxin Level

<0.1 EU per 1 µg of the protein by the LAL method.

Protein Sequence

A DNA sequence encoding Mouse Noggin(#P97466) (Met1-Cys232) was expressed with Human IgG1 Fc tag at the C-terminus.

Form

The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.

Application

Cell Culture

Product Note

Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Storage/Shipping

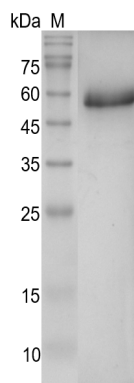
Stability & Storage

Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles.

Shipping

Blue Ice

Scientific Data



SDS- PAGE analysis of recombinant mouse Noggin

For Research Use or Further Manufacturing Only

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