

## Mouse Noggin, Fc Tag, HEK293

**Catalog Number** LDG001PMM

**Package** 100 µg / 20 µg / 5 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Mouse

#### Affinity Tag

Human IgG1 Fc Tag (C-term)

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Endotoxin level

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

#### Expression system

HEK293

#### Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Molecular weight

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

#### Form

Lyophilized

### Background

#### Tainan Headquarter

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**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 a 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.

**Sequence Note**

Met1-Cys232

**Uniprot ID**

P97466

**Instruction****Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 0.2 mg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Stability & Storage**

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

**Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

**Image****Tainan Headquarter**

+886-6-2536677

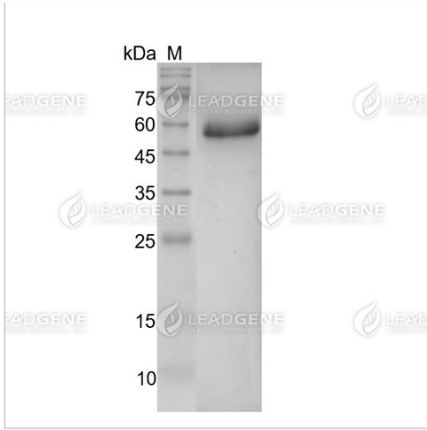
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SDS-PAGE analysis of  
recombinant mouse noggin  
protein.

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