

Recombinant Rat Nog protein, His & MBP-tagged

Cat. No. Nog-590R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nog (G3V8X8) aa. (Met28~Cys144) fused with His & MBP tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met28~Cys144
Description	A secreted protein; involved in dorsal fate specification.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 63.6kDa; Accurate Molecular Mass: 64kDa as determined by SDS-PAGE reducing conditions.
Purity	>98%
Characteristic	Isoelectric point is 6.6.
Applications	Cell culture; Activity Assays; In vivo assays.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

20mM Tris, 150mM NaCl, pH8.0, containing 0.05% sarcosyl and 5% trehalose.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex

GENE INFORMATION

Gene Name

Nog noggin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Nog

Synonyms

Nog; noggin

Gene ID

25495

mRNA Refseq

NM_012990.1

Protein Refseq

NP_037122.1

UniProt ID

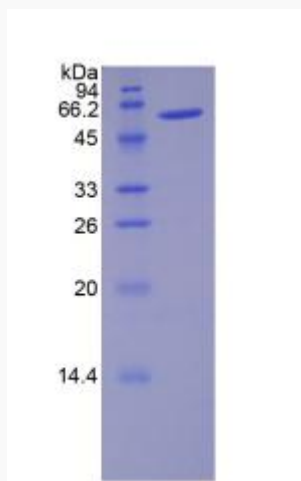
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SDS-PAGE



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