

Bioactive

Nog (Mouse) Recombinant Protein

Catalog # P7389

Size 5 ug

Applications

Result of activity analysis

Result of activity analysis

□

Specification

Product Description	Mouse Nog (P97466, 20 a.a. - 232 a.a.) partial recombinant protein expressed in CHO cells.
Sequence	LRAAPAGGQHLYLHIRPAPSDNLPLVDLIEHPDPIFDPKEDLNETLLRSLLGGHYDPGFMATSPPE DRPGGGGGPAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEGLAQGKKQRLSKKLRRKLQM WLWSQTFPCPVLYAWNDLGSRFWPRYVKVGSCFSKRSCSVPEGMVCKPSKSVHLTVLRWRCQ RRGGQRCGWIPYIPISECKCSC
Host	Mammals
Theoretical MW (kDa)	29 ~ 31
Form	Lyophilized
Preparation Method	_x005F_x000D__x000D_ Mammalian cell (CHO) expression system_x005F_x000D__x000D_
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	ED ₅₀ < 60.0 ng/mL, measured in a bioassay using ATDC5 cells in the presence of 10 ng/mL human BMP4.

Recommend Usage

Biological Activity
SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer

Lyophilized from PBS. Reconstitute the lyophilized powder in ddH₂O up to 100 ug/mL.

Storage Instruction

Store at 4°C for 1 week. For long term storage store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

Result of activity analysis
Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — Nog

Entrez GeneID

[18121](#)

Protein Accession#

[P97466](#)

Gene Name

Nog

Gene Alias

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Gene Description

noggin

Gene Ontology

[Hyperlink](#)

Other Designations

OTTMUSP00000001311