

Bioactive

Nog (Mouse) Recombinant Protein

Catalog # P8976

Size 20 ug

Specification

Product Description	Mouse Nog (P97466) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MQHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKDLNETLLRSLLGGHYDPGFMATSPPEDRPGGG GGPAGGAEDLAELDQLLRQRPSPGAMPSEIKGLEFSEGLAQGKKQRLSKKLRRKLQMWLWSQTF CPVLYAWNDLGSRFWPRYVKVGSCFSKRSCSVPEGMVCKPSKSVHLTVLRWRCQRRGQRCG WPIQYPIISECKCSC.
Host	Escherichia coli
Theoretical MW (kDa)	46.4
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS PAGE
Activity	The ED ₅₀ as determined by inhibiting BMP-4-induced alkaline phosphatase production of murine AT DC5 cells is less than 2 ng/mL, corresponding to a specific activity of > 5.0 × 10 ⁵ IU/mg in the presence of 5 ng/mL BMP-4.
Storage Buffer	Lyophilized from 30% acetonitrile, 0.1% TFA.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Nog

Entrez GeneID [18121](#)**Protein Accession#** [P97466](#)**Gene Name** Nog**Gene Alias** -**Gene Description** noggin**Gene Ontology** [Hyperlink](#)**Other Designations** OTTMUSP00000001311