ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Noggin Mouse Recombinant

Item Number	rAP-2383
Synonyms	Noggin, SYM1, SYNS1, NOG.
Description	Noggin Mouse Recombinant produced in E.Coli is a non-glycosylated, disulfide-linked protein consisting of two 206 amino acid polypeptide chains, having a total molecular mass of approximately 46.4 kDa (each chain 23.2 kDa).
Uniprot Accesion Number	P97466
Amino Acid Sequence	MQHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKDLNETLLRSLLGGHYDPGF-MATSPPEDRPGGGGGPAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEGLAQGKKQRLSKKLRRKLQM WLWSQTFCPVLYAWNDLGSRFWPRYVKVGSCFSKRSCSVPEGMVCKPSKSVHLTVLRWRCQRRGQRC GWIPIQYPIISECKCSC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Mouse Noggin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse Noggin should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	Lyophilized from a 0.2?m filtered solution in 30% acetonitrile, 0.1% TFA. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in 10mM HAc to a concentration of 0.1-1.0 mg/ml. Further dilutions should be made in appropriate buffered solutions.
Biological Activity	The ED50 as determined by inhibiting BMP-4-induced alkaline phosphatase production of murine ATDC5 cells is less than 2ng/ml, corresponding to a specific activity of > 5.0 × 105 IU/mg in the presence of 5ng/ml BMP-4.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com