

Active Recombinant Human NOG Protein

Cat. No. NOG-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Noggin consisting of two 205 amino acid polypeptide chains without tag was expressed in HEK293 cells.
Species	Human
Source	HEK293
Bio-activity	Determined by its ability to inhibit 5.0 ng/ml of BMP-4 induced alkaline phosphatase production by ATDC chondrogenic cells. The expected ED50 for this effect is 2.0-3.0 ng/ml of Noggin.
Molecular Mass	46 kDa
AA Sequence	QHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKDLNETLLRSLGHHYDPGFMATSPPE DRPGGGGGAAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEGLAQGKKQRLSKK LRRKLMWLWSQTFPCVLYAWNDLGSRFWPRYVKVGSCFSKRSCSVPEGMVCKP SKSVHLTVLRWRCQRRGGQRCGWIPYPIIASECKCSC
Purity	≥ 95% by SDS-PAGE gel and HPLC analyses.

GENE INFORMATION

Gene Name	NOG noggin [Homo sapiens (human)]
Official Symbol	NOG

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Synonyms	NOG; noggin; SYM1; SYNS1; SYNS1A;
Gene ID	9241
mRNA Refseq	NM_005450
Protein Refseq	NP_005441
MIM	602991
UniProt ID	Q13253

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