

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	QHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKDLNETLLRSLLGGHYDPGFMATSPPE DRPGGGGGAAGGAEDLAELDQLLRQRPSPGAMPSEIKGLEFSEGLAQGKKQRLSKK LRRKLQMWLWSQTFPCVLYAWNDLGSRFWPRYVKVGSCFSKRSCSVPEGMVCKP SKSVHLTVLRWRCQRRGGQRCGWIPYPIISECKCSC
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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