

Active Recombinant Human NOG protein

Cat. No. NOG-30339TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NOG protein(Q13253)(Gln28-Cys232) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	28-232 aa
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 500mM NaCl, 2mM EDTA, pH 7.4.
Bio-activity	Measured by its ability to inhibit BMP-4 induced alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED50 for this effect is 10-100ng/mL in the presence of 200 ng/mL of Recombinant Human BMP-4.
Molecular Mass	23 KDa
Endotoxin	< 0.01 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [NOG noggin \[Homo sapiens \]](#)

Official Symbol [NOG](#)

Synonyms [NOG](#); [noggin](#); [SYM1](#), symphalangism 1 (proximal) , [synostoses \(multiple\) syndrome 1](#) , [SYNS1](#); [symphalangism 1 \(proximal\)](#); [SYM1](#); [SYNS1](#);

Gene ID [9241](#)

mRNA Refseq [NM_005450](#)

Protein Refseq [NP_005441](#)

MIM [602991](#)

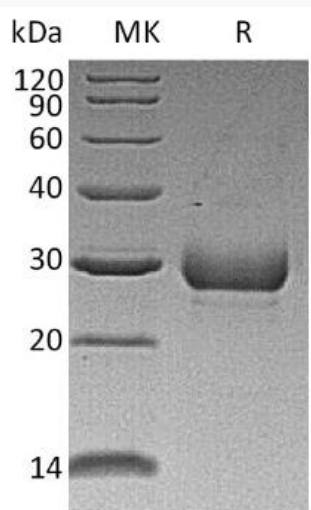
UniProt ID [Q13253](#)

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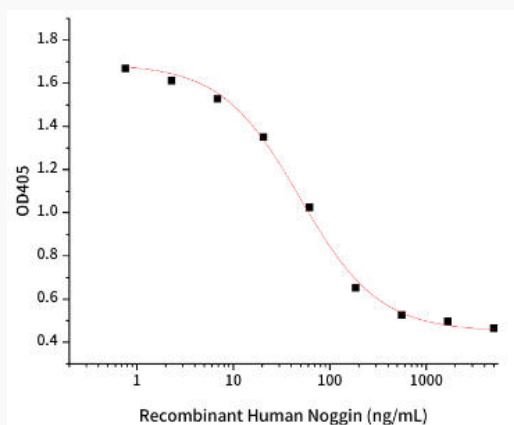
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SDS-PAGE



Cell Based Assay



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