

Product Datasheet

Noggin/NOG Protein, Mouse, Recombinant (orb1959991)

Description	Noggin is an antagonist of bone morphogenetic proteins (BMP), being indispensable for certain developmental events. Noggin expression positively correlated with EGFR expression in both GC cell line models and The Cancer Genome Atlas human GC cohort. Targeting EGFR and its downstream pathways diminished cell proliferation which was promoted by Noggin. Noggin promotes the proliferation of GC cells by upregulating EGFR and enhancing a vicious circle formed by β -catenin, EGFR, ERK and Akt. Noggin/NOG Protein, Mouse, Recombinant is expressed in HEK293 mammalian cells. The predicted molecular weight is 23.07 kDa and the accession number is P97466.
Storage	-20°C
Tag	Tag Free
Note	For research use only
Application notes	Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Purity	> 95%
MW	23.07 kDa (predicted). Due to glycosylation, the protein migrates to 28-33 kDa based on Tris-Bis PAGE result.
Uniprot ID	P97466
Expiration Date	6 months from date of receipt.

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