

Recombinant Mouse Nog protein, His-tagged, For Organoid Culture

Cat. No. Nog-6342M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nog protein(P97466)(Gln28-Cys232) is expressed in HEK293 with a 6His tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Gln28-Cys232
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered solution of PBS, 5mM EDTA, 5% Trehalose, pH 7.4.
Bio-activity	Mouse intestinal organoids were cultured with EGF, Noggin and R-spondin 1. After five days of culture, the organoids showed good morphology and germination rate.
Molecular Mass	23.9 KDa
Endotoxin	< 1 EU/µg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.

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Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	F2R coagulation factor II (thrombin) receptor [Homo sapiens]
Official Symbol	F2R
Synonyms	F2R; coagulation factor II (thrombin) receptor; proteinase-activated receptor 1; CF2R; PAR 1; PAR1; TR; thrombin receptor; protease-activated receptor 1; coagulation factor II receptor; HTR; PAR-1;
Gene ID	2149
mRNA Refseq	NM_001992
Protein Refseq	NP_001983
MIM	187930
UniProt ID	P25116

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SDS-PAGE

