

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

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

## SPECIFICATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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**

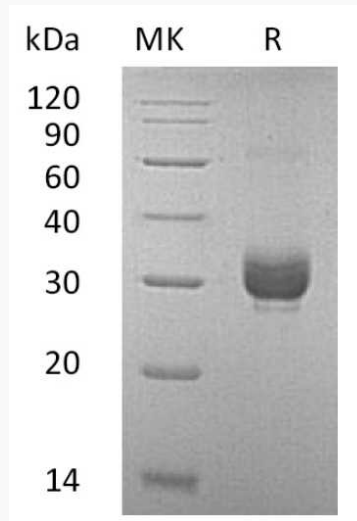
<b>Gene Name</b>	F2R coagulation factor II (thrombin) receptor [ Homo sapiens ]
<b>Official Symbol</b>	F2R
<b>Synonyms</b>	F2R; coagulation factor II (thrombin) receptor; proteinase-activated receptor 1; CF2R; PAR 1; PAR1; TR; thrombin receptor; protease-activated receptor 1; coagulation factor II receptor;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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA