

Active Recombinant Human EGFL7 protein(Tyr24-Ser273), His-tagged

Cat. No. EGFL7-3077H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGFL7 (NP_057299.1) (Tyr 24-Ser 273) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Tyr24-Ser273
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 10% glycerol, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. When 5×10^4 cells/well are added to EGFL7-His coated plates (1.25 μ g/mL and 100 μ L/well), approximately >45% will adhere specifically after 30 minutes at 37°C.
Molecular Mass	The recombinant human EGFL7 consists of 268 amino acids and predicts a molecular mass of 29.4 kDa. It migrates as an approximately 31 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method

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Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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	EGFL7 EGF-like-domain, multiple 7 [Homo sapiens]
Official Symbol	EGFL7
Synonyms	EGFL7; EGF-like-domain, multiple 7; epidermal growth factor-like protein 7; ZNEU1; EGF-like protein 7; NOTCH4-like protein; vascular endothelial statin; multiple EGF-like domains protein 7; multiple epidermal growth factor-like domains protein 7; NEU1; VE-STATIN; RP11-251M1.2; MGC111117;
Gene ID	51162
mRNA Refseq	NM_016215
Protein Refseq	NP_057299
MIM	608582
UniProt ID	Q9UHF1

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