

Active Recombinant Human EGFL6 protein, His-tagged

Cat. No. EGFL6-254H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human EGFL6 protein(NP_056322.2)(Met1-Asp553) was expressed in Insect Cells with a C-terminal polyhistidine tag.
Species	Human
Source	Insect Cells
ProteinLength	1-553 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. When 5 × 10E4 cells/well are added to EGFL6-His coated plates (1.25µg/mL and 100µL/well), approximately 50-70% will adhere specifically after 30 minutes at 37°C.
Molecular Mass	The secreted recombinant human EGFL6 consists of 542 amino acids and predicts a molecular mass of 60.5 KDa. The apparent molecular mass of the protein is approximately 62 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 60 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities 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.

SDS-PAGE

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