

Human EGFL6 / EGF-L6 (His Tag) recombinant protein



Catalog Number: 503041

General Information

Gene Name Synonym

MAM and EGF domains-containing gene protein

Protein Construction

A DNA sequence encoding the human EGFL6 (NP_056322.2)(Met1-Asp553) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

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 EGFL6-His coated plates (1.25 µg/mL and 100 µL/well), approximately 50-70% will adhere specifically after 30 minutes at 37°C.

Purity

> 60 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Asn 22

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.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

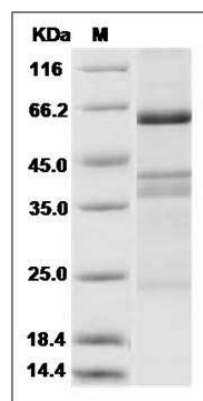
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human EGFL6 / EGF-L6 Protein (His Tag) SDS-PAGE