

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



Catalog Number: 503855

General Information

Gene Name Synonym

MAM and EGF domains-containing gene protein

Protein Construction

A DNA sequence encoding the human EGFL6 (NP_056322.2) (Asn22-Asp553) was expressed with the flag tag at the N-terminus and the histidine tag at the C-terminus.

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 CD4 coated plates (1.25 $\mu\text{g}/\text{mL}$ and 100 $\mu\text{L}/\text{well}$), approximately 40%-60% will adhere specifically after 30 minutes at 37°C.

Purity

> 65 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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

Met

Molecular Mass

The recombinant human EGFL6 consists of 551 amino acids and has a calculated molecular mass of 61.5 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 20 % 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.