

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



Catalog Number: 503855

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## 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  $5 \times 10^4$  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  $\mu\text{g}$  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.