Human MFG-E8 / lactadherin / MFGE8 (His Tag) recombinant protein

Catalog Number: 500163



General Information

Gene Name Synonym

Breast epithelial antigen BA46; HMFG; MFGM; Milk fat globule-EGF factor 8; SED1; Lactadherin short form; Medin

Protein Construction

A DNA sequence encoding the human MFGE8 isoform 1 (Q08431-1) (Met 1-Cys 387) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 88 % 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 $^{\circ}$ C

Predicted N terminal

Leu 24

Molecular Mass

The secreted recombinant human MFGE8 comprises 374 amino acids and has a predicted molecular mass of 42 kDa. The apparent molecular mass of rh MFGE8 is approximately 45 kDa in SDS-PAGE under reducing conditions.

Formulation

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

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

Usage Guide

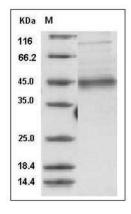
Storage

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 MFG-E8 / lactadherin / MFGE8 Protein (His Tag) SDS-PAGE