Human Endothelial Cell Adhesion Molecule (Fc Tag) recombinant protein

Catalog Number: 503785

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Ala 248) of human ESAM (NP_620411.2) precursor was expressed with the fused Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 97 % 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℃

Predicted N terminal

Gln 30

Molecular Mass

The recombinant human ESAM/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 457 amino acids and predicts a molecular mass of 50.5 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rh ESAM/Fc monomer is approximately 65-70 kDa due to glycosylation.

Formulation

Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

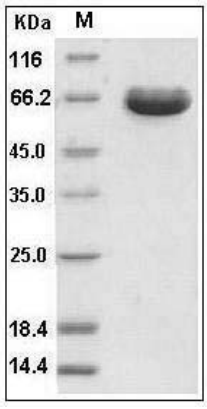
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 ESAM / Endothelial Cell Adhesion Molecule Protein (Fc Tag) SDS-PAGE