Human MERTK/Mer (His & Fc Tag) recombinant protein

Catalog Number: 504257

General Information

Gene Name Synonym

Proto-oncogene c-Mer; Receptor tyrosine kinase MerTK

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Ala 499) of human Mer precursor (NP_006334.2) was fused with the polyhistidine-tagged 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

Ala 21

Molecular Mass

The recombinant human Mer/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 726 amino acids and predicts a molecular mass of 80 kDa. By SDS-PAGE, the apparent molecular mass of rh Mer/Fc monomer is approximately 140-150 kDa due to the glycosylation.

Formulation

Lyophilized from sterile PBS, 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

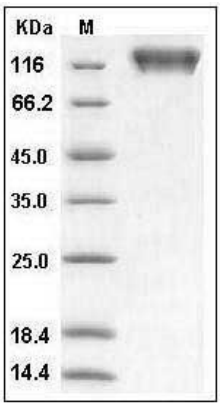
Storage

Store it under sterile conditions at -20℃ 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 MERTK / Mer Protein (His & Fc Tag) SDS-PAGE