Human CD136/MST1R (His Tag) recombinant protein

Catalog Number: 500302

General Information

Gene Name Synonym

CDw136; Protein-tyrosine kinase 8; p185-Ron; Macrophage-stimulating protein receptor alpha chain; Macrophage-stimulating protein receptor beta chain

Protein Construction

A DNA sequence encoding the amino acid sequence (Met 1-Leu 571) of human CD136 (Q04912) extracellular domain was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 98 % 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

Glu 25 & Gly 310

Molecular Mass

The secreted recombinant human CD136 consists of 558 amino acids, including the ? chain (Glu 25-Arg 309) and the polyhistidine-tagged ? chain (Gly 310-Leu 517), and predictes a molecular mass of 60 kDa. (30+30 kDa). As a result of glycosylation, in SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD136 is approximately 70 kDa and 37 kDa, corresponding to the single chain and the cleaved two subunits respectively.

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

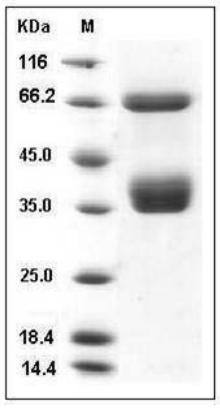
Storage

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 CD136 / MST1R Protein (His Tag) SDS-PAGE