# 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  $\mu g$  of the protein as determined by the LAL method

#### Stability

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\mathrm{C}$ 

#### **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 7.41. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **Usage Guide**

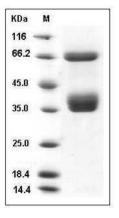
#### Storage

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 CD136 / MST1R Protein (His Tag) SDS-PAGE



