

# Human CSF1R/MCSF Receptor/CD115 (His & GST Tag) recombinant protein



Catalog Number: 503099

## General Information

### Gene Name Synonym

CSF-1 receptor; Proto-oncogene c-Fms

### Protein Construction

A DNA sequence encoding the human CSF1R (NP\_005202.2) cytoplasmic domain (Lys 543-Cys 972) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

Kinase activity untested

### Purity

> 82 % 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°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human CSF1R (aa 543-972) /GST chimera consists of 667 amino acids and has a calculated molecular mass of 76 KDa. It migrates as an approximately 75 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Supplied as sterile 50mM Tris, 150mM NaCl, pH 7.4, 20% glycerol, 0.3mM DTT

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

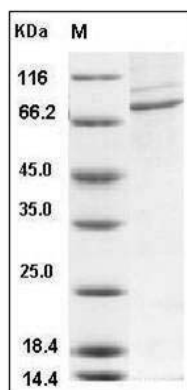
### Storage

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 CSF1R / MCSF Receptor / CD115 Protein (His & GST Tag) SDS-PAGE