

# Human CSF1R/MCSF Receptor/CD115 (aa 543-922, His & GST Tag) recombinant protein



Catalog Number: 504170

## 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-Asp 922) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus. A DNA sequence encoding the human CSF1R (NP\_005202.2) cytoplasmic domain (Lys 543-Asp 922) 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  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Met

## Molecular Mass

The recombinant human CSF1R (aa 543-922) /GST chimera consists of 617 amino acids and has a calculated molecular mass of 71 KDa. It migrates as an approximately 60 KDa band in SDS-PAGE under reducing conditions.

## Formulation

Supplied as sterile 50mM Tris, 100mM NaCl, 20% gly, 0.3mM DTT, pH 8.0

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

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

## Usage Guide

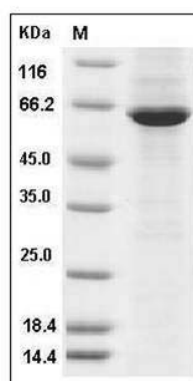
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 (aa 543-922, His & GST Tag) SDS-PAGE