
Recombinant human CSF1R protein, N-His

Catalog Number: bs-41371P

Concentration: >0.5 mg/ml

AA Seq: 20-516/972

Predicted MW: 55

Detected MW: 60 kDa

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 4M Urea (pH9.0) with 1mM DTT.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This protein tyrosine kinase transmembrane receptor is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a member of the CSF1/PDGF receptor family of tyrosine protein kinases and contains 5 immunoglobulin like C2 type domains. CD115 is expressed by cells of the monocytic lineage and by progenitor cells. Mutations in this gene have been associated with a predisposition to myeloid malignancy.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.