

Recombinant Human CSF1R/CD115 Protein

RPES0137

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES0137

Purity: > 90 % as determined by reducing SDS-PAGE.

Contents: 200µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: C-FMS, CD115, CSF-1 receptor, CSF-1-R, CSF-1R, CSF1R, FIM2, FMS, HDLS, M-CSF-R, MCSF Receptor, Macrophage colony-stimulating factor 1 receptor, Proto-oncogene c-Fms

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: None

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: HEK293 Cells

Bio-Activity: 1. Immobilized sMCSFR at 10 µg/ml (100 µl/well) can bind biotinylated human CSF1- His, The EC50 of biotinylated human CSF1-His is 32-74. 8 ng/ml. 2. Measured by its ability to inhibit the human CSF-induced proliferation of M- NFS- 60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is typically 0.3-1. 5 µg/mL in the presence of 3 ng/mL of rhM-CSF.

Calculated MW: 55.1 kDa

Formulation: Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Observed MW: 80-90 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Accession: NP_005202.2

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Source: HEK293 Cells-derived Human CSF1R/CD115 protein Met 1-Glu 512

Sequence: Met 1-Glu 512

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder