

# Recombinant Human M-CSF/CSF1 Protein (His Tag)

RPES4377

## 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:** RPES4377

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 50µg, 10µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Human

**Endotoxin:** < 0.01 EU per µg of the protein as determined by the LAL method.

**Synonyms:** CSF-1, CSF1, Lanimostim, M-CSF, MCSF, Macrophage Colony-Stimulating Factor 1, SCF-1

**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:** C-His

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

**Expression Host:** HEK293 Cells

**Bio-Activity:** Measured in a cell proliferation assay using M-NFS-60 mouse lymphoblast cells. The ED50 for this effect is 2-10 ng/mL.

**Calculated MW:** 26.2 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. 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.

**Observed MW:** 41 kDa

**Reconstitution:** Please refer to the printed manual for detailed information. Measured in a cell proliferation

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

assay using M-NFS-60 mouse lymphoblast cells. The ED50 for this effect is 2-10 ng/mL.

**Accession:** P09603

**Source:** HEK293 Cells-derived Human M-CSF, CSF1 protein Glu33-Arg255, with an C-terminal His

**Sequence:** Glu33-Arg255

**Form:** Lyophilized powder

**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

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