

Recombinant Human CSF-1/M-CSF Protein

RPCB0858

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: RPCB0858

Calculated MW: 25.97 kDa

Contents: 10 µg, 20 µg, 50 µg, 2×50 µg
Bradford Reagent (1 vial, 2ml)

Observed MW: 36-45 kDa

Reactivity: Human

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human CSF-1/M-CSF Protein (RPCB0858), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Gene ID: 1435

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.

Expression Host: HEK293 cells

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Tags: C-His

Background: -

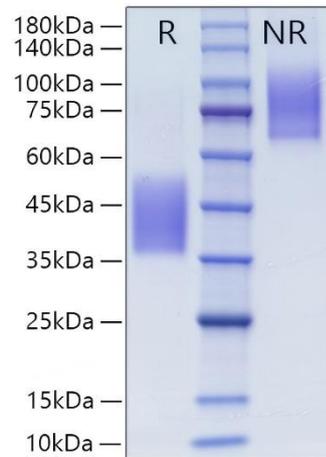
Synonyms: CSF1, CSF-1, MCSF

Purification: ≥ 95 % as determined by SDS-PAGE.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

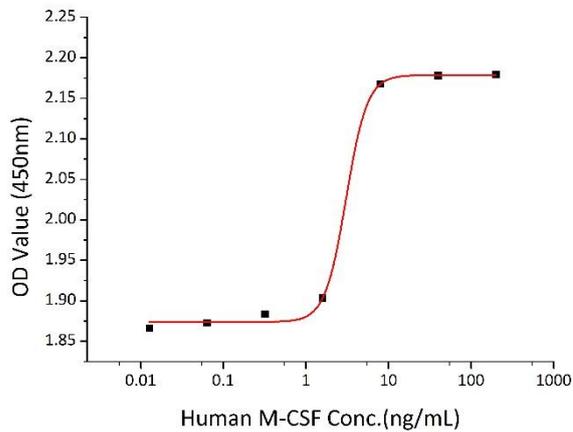
Validation Data

Image



Description

Recombinant Human CSF-1/M-CSF Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



Recombinant Human M-CSF promotes the proliferation of M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is typically 1.53-6.14 ng/mL, corresponding to a specific activity of 1.63×10^5 - 6.53×10^5 units/mg.