

Human CSF-1/M-CSF protein (Recombinant) (C-His) (STJP002736)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

PRODUCT PROPERTIES

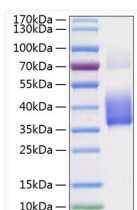
Formulation	Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

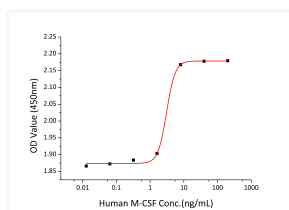
Gene ID	1435
Gene Symbol	CSF1
UniProt ID	CSF1_HUMAN
Immunogen Region	Glu33-Arg255
Immunogen Sequence	EEVSEYCSHMIGSGHLQSLQ RLIDSQMETSQCITFEFVDQ EQLKDPVCYLKKAFLLVQDI MEDTMRFRDNTNPNAIAIVQL QELSLRLKSCFTKDYEEHDK ACVRTFYETPLQLLEKVKNV FNETKNLLDKDWNIFSKNCN NSFAECSSQDVVTKPDCNCL YPKAIPSSDPASVSPHQPLA PSMAPVAGLTWEDSEGTEGS SLLPGEQPLHTVDPGSAKQR PPR

ADDITIONAL INFORMATION

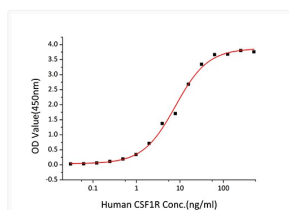
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Recombinant Human CSF-1/M-CSF Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 36-45 kDa.



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 × 10⁵ units/mg.



Immobilized Human CSF1 at 1 Mu g/mL (100 Mu L/well) can bind Human CSF1R with a linear range of 0.01-7.8 ng/mL.