

CSF1R recombinant protein

Recombinant human CSF1R protein with C-terminal 6xHis tag

CATALOG # AAA47232	HOST HEK293 cells	APPLICATIONS Western Blot
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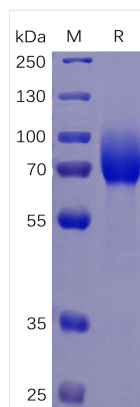
PRODUCT SYNONYMS

CSF1R; Recombinant human CSF1R protein with C-terminal 6xHis tag; Human CSF1R Protein; His Tag; CSF1R;C-FMS;CD115;CSFR;FIM2;FMS;M-CSFR; CSF1R recombinant protein

PRODUCT SPECIFICATIONS

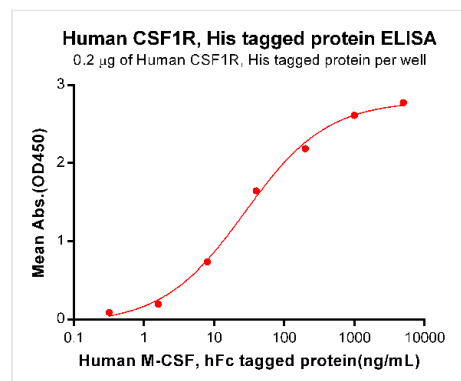
Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-59% trehalose is added as protectants before lyophilization.
Sequence	CSF1R(Ile2 0-Leu514)
Applicable Applications for CSF1R recombinant protein	WB (Western Blot)
Source	Human
Conjugation	C- 6xHis tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



SDS-PAGE

Figure 1. Human CSF1R Protein, His Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human CSF1R Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for CSF1R recombinant protein	The protein encoded by this gene 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 tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction. Alternative splicing results in multiple transcript variants. Expression of a splice variant from an LTR promoter has been found in Hodgkin lymphoma (HL), HL cell lines and anaplastic large cell lymphoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27262659
NCBI GeneID	1436
NCBI Accession #	NP_005202.2
NCBI GenBank Nucleotide #	NM_005211.3
UniProt Accession #	P07333; Q6LDW5; Q6LDY4; Q86VW7; D3DQG2
Molecular Weight	107,984 Da
NCBI Official Full Name	macrophage colony-stimulating factor 1 receptor
NCBI Official Synonym Full Names	colony stimulating factor 1 receptor
NCBI Official Symbol	CSF1R
NCBI Official Synonym Symbols	FMS; CSFR; FIM2; HDLS; C-FMS; CD115; CSF-1R; M-CSF-R
NCBI Protein Information	macrophage colony-stimulating factor 1 receptor; CD115 antigen; CSF-1 receptor; FMS proto-oncogene; proto-oncogene c-Fms; macrophage colony stimulating factor I receptor; McDonough feline sarcoma viral (v-fms) oncogene homolog
UniProt Protein Name	Macrophage colony-stimulating factor 1 receptor
UniProt Gene Name	CSF1R
UniProt Synonym Gene Names	FMS; CSF-1-R; CSF-1R; M-CSF-R
UniProt Entry Name	CSF1R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/csf1r-recombinant-protein-hek293-cells-wb-western-blot/47232>