

M-CSF R/CSF1R/CD115 Recombinant Protein | M-CSFR/CSF1R/CD115 recombinant protein

Biotinylated Human M-CSF R/CSF1R/CD115 Protein Recombinant

CATALOG #	HOST
AAA76234	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

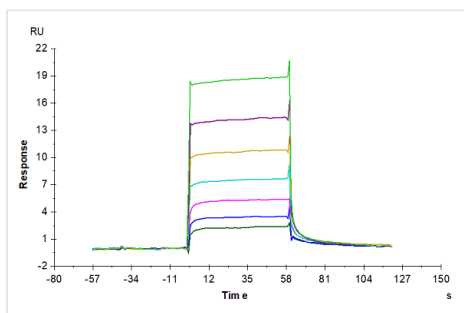
PRODUCT SYNONYMS

M-CSF R/CSF1R/CD115; Biotinylated Human M-CSF R/CSF1R/CD115 Protein Recombinant; M-CSFR/CSF1R/CD115 recombinant protein

PRODUCT SPECIFICATIONS

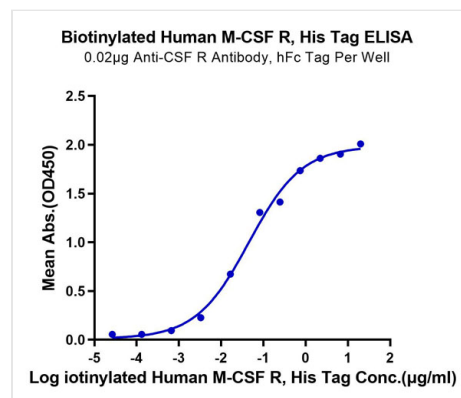
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human M-CSF R/CSF1R/CD115 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human M-CSF R/CSF1R/CD115 including a C-His-Avi tag was expressed in HEK293 Cells.The recombinant protein was then biotinylated site specific using the AVitag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Transferase, Receptor
Biological Process	Immunity, Inflammatory-response
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



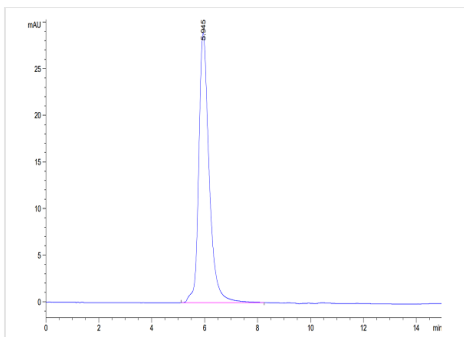
Application Data

Biotinylated Human M-CSF R/CSF1R/CD115 Protein SPR Data: Biotinylated Human M-CSF R, His-Avi Tag immobilized on CM5 Chip can bind Human M-CSF, No Tag with an affinity constant of 0.81 μ M as determined in SPR assay (Biacore T200).



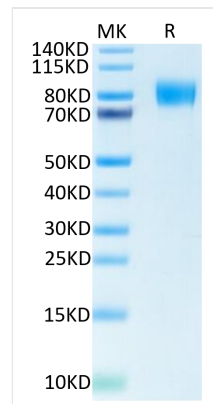
ELISA

Biotinylated Human M-CSF R/CSF1R/CD115 Protein ELISA Data: Immobilized Anti-CSF R Antibody, hFc Tag at 0.2 μ g/ml (100 μ l/well) on the plate. Dose response curve for Biotinylated Human M-CSF R, His Tag with the EC₅₀ of 45.4 ng/ml determined by ELISA.



Application Data

Biotinylated Human M-CSF R/CSF1R/CD115 Protein SEC-HPLC The purity of Biotinylated Human M-CSF R is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human M-CSF R/CSF1R/CD115 Protein Tris-Bis PAGE Biotinylated Human M-CSF R on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for M-CSFR/CSF1R/CD115 recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	27262659
NCBI GeneID	1436
NCBI Accession #	NP_005202.2
NCBI GenBank Nucleotide #	NM_005211.3
UniProt Accession #	P07333; P01730 CD4_HUMAN; P07141 CSF1_MOUSE; P09603 CSF1_HUMAN; Q6ZMJ4 IL34_HUMAN
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.