

Colony Stimulating Factor 1 Recombinant Protein | MCSF recombinant protein

Recombinant Colony Stimulating Factor 1, Macrophage (MCSF)

CATALOG # AAA144157	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Colony Stimulating Factor 1; Recombinant Colony Stimulating Factor 1; Macrophage (MCSF); MCSF recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags.His-t agandGST-t ag.itssequ enceislist edbelow.EEVSEYC SHMIGSGHLQ SLQRLIDSQM ETSCQITFEF VDQEQLKDPV CYLKKAFLLV QDIMEDTMRP RDNTPNAIAI VQLQELSLRL KSCFTKDYEE HDKACVRTFY ETPLQLEKV KNVFNETHNL LDKDWNIFSK NCNNSFAECS SQDVVTKPDC NCLYPKAIPS SDPASVSPHQ PLAPSMAPVA GLTWEDSEGT EGSSLLPGEQ PLHTVDPGSA KQRPPRSTCQ SFEPPETPVV KDSTIGGSPQ PRPSVGAFNP GMEDILDSAM GTNWWPEEAS GEASEIPVPQ GTELSPSRPG GGSMQTEPAR PSNFLSASSP LPASAKGQQP ADVTGTALPR VGPVRPTGQD WNHTPQKTDH PSALLRDPPE PGSPRISSLR PQGLSNPSTL SAQPQLSRSH SSGSVLPLGE LEGRRSTRDR RSPAEPGGP ASEGAARPLP RFNSVPLTDT GHERQSEGSF SPQLQES
Sequence Length	244
Applicable Applications for MCSF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	80.2kDa
Accurate Molecular Mass (KD)	80kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag, GST-tag, S-tag
Organism Species	Homo sapiens (Human)
Fragment	Glu33~Ser496
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



NCBI AND UNIPROT INFORMATION

NCBI GI #	18644893
NCBI GeneID	1435
Molecular Weight	29,215 Da
NCBI Official Full Name	colony stimulating factor 1, partial
NCBI Official Synonym Full Names	colony stimulating factor 1 (macrophage)
NCBI Official Symbol	CSF1
NCBI Official Synonym Symbols	MCSF; CSF-1
NCBI Protein Information	macrophage colony-stimulating factor 1
UniProt Protein Name	Macrophage colony-stimulating factor 1
UniProt Gene Name	CSF1
UniProt Synonym Gene Names	CSF-1; M-CSF; MCSF
UniProt Entry Name	CSF1_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.