

Colony Stimulating Factor 1 Recombinant Protein | MCSF recombinant protein

Recombinant Colony Stimulating Factor 1, Macrophage (MCSF)

CATALOG # AAA144494	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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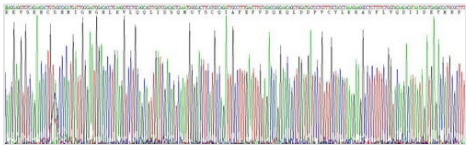
PRODUCT SYNONYMS

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

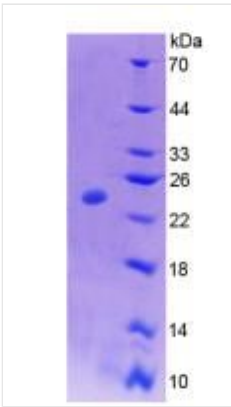
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	6 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-K EVSEHCSHMI GNGHLKVLQQ LIDSQMETSC QIAFEFVDQE QLDDPVCYLK KAFFLVQDII DETMRFKDNT PNANATERLQ ELSNNLNSCF TKDYEEQNKA CVRTFHETPL QLLEKIKNFF NETKNLLEKD WNIFTKNCNN SFAKCSSRDV VTKPDCNCLY PKATPSSDPA S
Sequence Length	244
Applicable Applications for MCSF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	23.6kDa
Accurate Molecular Mass (KD)	24kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Mus musculus (Mouse)
Fragment	Lys33~Ser204
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 target protein. 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 and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

KEVSEHCS HMIGNHGLKV

LQQLIDSQME TSCQIAFEFV DQEQLDDPVC YLKKAFFLVQ DIIDETMRFK

DNTPNANATE RLQELSNLNL SCFTKDYEEO NKACVRTFHE TPLQLLEKIK

NFFNETKNLL EKDNWIFTKN CNNSFAKCSS RDVVTKPDCN CLYPKATPSS

DPAS

Sequence

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.

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Online datasheet: <https://stage.aaabiotech.com/csf1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144494>