

Recombinant Human CSF2 protein(18-144 aa), N-SUMO & C-His-tagged

Cat. No. CSF2-2539H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF2 protein(P04141)(18-144 aa), fused with N-terminal SUMO tag and C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-144 aa
Form	0.15 M Phosphate buffered saline
Molecular Mass	27 kDa
Storage	Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing. Up to 12 months when aliquoted and stored at -20 to -80°C.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
AA Sequence	APARSPSPSTQPWEHVNAIQEARRLLNLSRDAAEMNETVEVISEMFDLQEPTCLQT RLELYKQGLRGSLTKLKGPLTMMASHYKQHCPPTPETSCATQIITFESFKENLKDFLL VIPFDCWEPVQE

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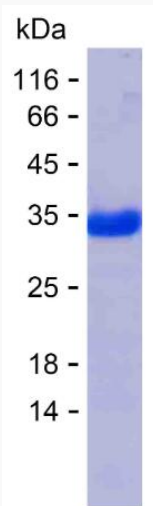
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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	CSF2 colony stimulating factor 2 (granulocyte-macrophage) [Homo sapiens]
Official Symbol	CSF2
Synonyms	CSF2; colony stimulating factor 2 (granulocyte-macrophage); granulocyte-macrophage colony-stimulating factor; GM CSF; GMCSF; granulocyte macrophage colony stimulating factor; molgramostin; sargramostim; CSF; colony-stimulating factor; granulocyte-macrophage colony stimulating factor; MGC131935; MGC138897;
Gene ID	1437
mRNA Refseq	NM_000758
Protein Refseq	NP_000749
MIM	138960
UniProt ID	P04141

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