

Recombinant Human CSF3R protein, His-tagged

Cat. No. CSF3R-7008H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF3R aa. (Lys271~Arg428 (Accession # Q99062)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys271~Arg428
Description	The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Alternatively spliced transcript variants have been described. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.
Form	Freeze-dried powder
Molecular Mass	19 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.7.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CSF3R colony stimulating factor 3 receptor [Homo sapiens (human)]
Official Symbol	CSF3R
Synonyms	CSF3R; colony stimulating factor 3 receptor; SCN7; CD114; GCSFR; granulocyte colony-stimulating factor receptor; CD114 antigen; G-CSF receptor; G-CSF-R; colony stimulating factor 3 receptor (granulocyte)
Gene ID	1441
mRNA Refseq	NM_000760.3
Protein Refseq	NP_000751.1
UniProt ID	Q99062

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