

Recombinant Active Human CSF3R Protein (ECD), His-tagged(C-ter)

Cat. No. CSF3R-51H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Active Human CSF3R Protein (ECD) with His tag (C-ter) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu25-Pro621
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. [provided by RefSeq, Aug 2010]
Form	Powder
Bio-activity	Measured by its ability to inhibit the GCSF-induced proliferation of M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED50 for this effect is typically 31.5-126 ng/mL.
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.

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Purity	> 95% (by SDS-PAGE)
Applications	FuncSt, SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.
GENE INFORMATION	
Gene Name	CSF3R colony stimulating factor 3 receptor (granulocyte) [Homo sapiens]
Official Symbol	CSF3R
Synonyms	CSF3R; colony stimulating factor 3 receptor (granulocyte); CD114; granulocyte colony-stimulating factor receptor; GCSFR; G-CSF-R; CD114 antigen; G-CSF receptor;
Gene ID	1441
mRNA Refseq	NM_000760
Protein Refseq	NP_000751

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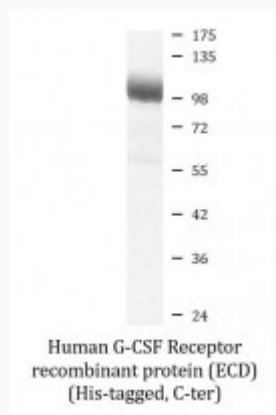
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MIM 138971

UniProt ID Q99062

SDS-PAGE



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