

Recombinant Full Length Human CSF3R Protein

Cat. No. CSF3R-2171HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSF3R full-length ORF (NP_000751.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	836 amino acids
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	Liquid
Molecular Mass	92.2 kDa
AA Sequence	MARLGNCSLTWAALIILLPGSLEECGHISVSAPIVHLGDPITASCIKQNCSHLDPEPQ ILWRLGAELQPGGRQQRLSDGTQESIITLPHLNHTQAFLSCCLNWNLSLQILDQVEL RAGYPPAIPHNLSCLMNLTTSSLICQWEPGPETHLPTSFTLKSFKSRGNCQTQGDSI LDCVPKDGQSHCCIPRKHLLLYQNMGIWVQAENALGTSMSPLCLDPM DVVKLEPP MLRTMDPSPEAAPPQAGCLQLCWEPWQPGLHINQKCELRHKPQRGEASWALVGP

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LPLEALQYELCGLLPATAYTLQIRCIRWPLPGHWSDWSPSLELRITTERAPTURLDTW
 WRQRQLDPRTVQLFWKPVPLEEDSGRIQGYVVSWRPSGQAGAILPLCNTTELSCTF
 HLPSEAQEVALVAYNSAGTSRPTPVVFESESRGPALTRLHAMARDPHSLWVGWEPP
 NPWPQGYVIEWWGLGPPSASNSNKTWRMEQNGRATGFLLKENIRPFQLYEIIVTPLY
 QDTMGPSQHVVAYSQEMAPSHAPELHLKHIGKTWAQLEWVPEPPELGKSPLTHYTI
 FWTNAQNQSFSAILNASSRGFVLHGLEPASLYHIHLMAASQAGATNSTVLTLMTLTP
 EGSELHIILGLFGLLLLLTCLCGTAWLCCSPNRKNPLWPSVPDPAHSSLGSWVPTIM
 EEDAFQLPGLGTPPITKLTVLEEDEKKVPWESHNSSETCGLPTLVQTYVLQGDRA
 VSTQPQSQSGTSDQVLYGQLLGSPTSPGPGHYLRCDSTQPLLAGLTPSPKSYENL
 WFQASPLGLVTPAPSQEDDCVFGPLLNFPLLQGIRVHGMEALGSF

Applications
 Antibody Production
 Functional Study
 Compound Screening

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

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Gene ID	1441
mRNA Refseq	NM_000760
Protein Refseq	NP_000751
MIM	138971
UniProt ID	Q99062

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