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Datasheet for ABIN7519898
CSF3R Protein (His tag)

Overview

Quantity:	20 µg
Target:	CSF3R
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CSF3R protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human CSF3R/G-CSF-R/CD114 Protein
Sequence:	ECGHISVSAP IVHLGDPITA SCIIKQNC SH LDPEPQILWR LGAELQPGGR QQRLSDGTQE SIITLPHLNH TQAF LSCCLN WGNLQILDQ VELRAGYPPA IPHNL SCLMN LTTSSLICQW EPGPETHLPT SFTLKSFKSR GNCQTQGDSI LDCV PKDGQS HCCIPRKHLL LYQNMGIWVQ AENALGTSMS PQLCLDPM DV VKLEPPMLRT MDPSPEAAPP QAGCLQLCWE PWQPGLHINQ KCELRHKPQR GEASWALVGP LPLEALQYEL CGLLPATAYT LQIRCIRWPL PGHWS DWSPS LELRTERAP TVRLDTWWRQ RQLDPRTVQL FWKPVPLEED SGRIQGYVVS WRPSGQAGAI LPLCNTTELS CTFHLPSEAQ EVALVAYNSA GTSRPTPVVF SESRGPALTR LHAMARDPHS LWVGWEPPNP WPQGYVIEWG LGPPSASNSN KTW RMEQNGR ATGFLLKENI RPFQLYEIIV TPLYQDTMGP SQHVYAYSQE MAPSHAPELH LKHIGKTWAQ LEWVPEPPEL GKSPLTHYTI FWTNAQNQSF SAILNASSRG FVLHGLEPAS LYHIHLMAAS QAGATNSTVL TLMTLTP
Specificity:	Glu25-Pro621
Purity:	> 95 % by SDS-PAGE.

Product Details

Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its ability to inhibit the GCSF-induced proliferation of M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED ₅₀ for this effect is typically 31.5-126 ng/mL.

Target Details

Target:	CSF3R
Alternative Name:	CSF3R/G-CSF-R/CD114 (CSF3R Products)
Background:	CSF3R,CD114,GCSFR,SCN7
Gene ID:	1441
UniProt:	Q99062

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.