

Recombinant Human CSF3 Protein

Catalog #	Source	Reactivity	Applications
CRP1363	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CSF3 Protein is produced by E. coli. It is a single non-glycosylated polypeptide chain containing 175 amino acids with a molecular mass of 18.8 kD.		
Form	Lyophilized from a 0.2 μ M filtered solution of 10mM HAc-NaAc, 150mM NaCl, 0.004% Tween 80, 5% Mannitol, pH 4.0.		
Gene Symbol	CSF3		
Alternative Names	C17orf33; GCSF; Granulocyte colony-stimulating factor; G-CSF; Pluripoietin; Filgrastim; Lenograstim		
Entrez Gene	1440 (Human)		
SwissProt	P09919 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MTPLGPASSL PQSFLKCLE QVRKIQGDGA ALQEKLCATY KLCHPEELVL LGHSLGIPWA PLSSCPSQAL QLAGCLSQLH SGLFLYQGLL QALEGISPEL GPTLDTLQLD VADFATTIWQ QMEELGMAPA LQPTQGAMPA FASAFQRRAG GVLVASHLQS FLEVSRYVLR HLAQP		
Quality Control	Endotoxin: Less than 0.03 ng/ μ g (0.03 IEU/ μ g) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com