Recombinant Human Granulocyte colony-stimulating factor protein (CSF3) (Active)

Product Code	CSB-AP002071HU
Abbreviation	Recombinant Human CSF3 protein (Active)
Uniprot No.	P09919
Storage Buffer	0.2 µm filtered 10mM sodium acetate buffer, containing 5 % trehalose, pH 4.0 ,lyophilized
Product Type	Colony Stimulating Factors
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine NFS-60 cells is less than 0.1 ng/ml, corresponding to a specific activity of >$1.0x10^7$ IU/mg.
Purity	>98% as determined by SDS-PAGE.
Sequence	TPLGPASSLP QSFLLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL GHSLGIPWAP LSSCPSQALQ LAGCLSQLHS GLFLYQGLLQ ALEGISPELG PTLDTLQLDV ADFATTIWQQ MEELGMAPAL QPTQGAMPAF ASAFQRRAGG VLVASHLQSF LEVSYRVLRH LAQP
Research Area	Immunology
Source	E.Coli
Target Names	CSF3
Expression Region	31-204aa
Tag Info	Tag-Free
Mol. Weight	18.7 kDa
Protein Length	Full Length of Mature Protein of Isoform Short
PubMed ID	3484805; 2423327; 3494801; 15028279; 16625196; 2420009; 8554326; 7685769; 1281794; 7518249; 7685117; 10537111; 16492764
Image	

Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.