Recombinant Human CSF2RB protein, His-tagged

Cat. No. CSF2RB-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CSF2RB, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	CSF2RB, also known as cytokine receptor common subunit beta, is a high affinity receptor for interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor. This unusual form of receptor assembly likely applies also to IL-3 and IL-5 receptors, providing a structural basis for understanding their mechanism of activation and for the development of therapeutics.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	49.7kDa (435aa)40-57kDa (SDS-PAGE under reducing conditions)
AA Sequence	WERSLAGAEE TIPLQTLRCY NDYTSHITCR WADTQDAQRL VNVTLIRRVN EDLLEPVSCD LSDDMPWSAC PHPRCVPRRC VIPCQSFVVTDVDYFSFQPD RPLGTRLTVT LTQHVQPPEP RDLQISTDQD HFLLTWSVAL GSPQSHWLSP GDLEFEVVYK RLQDSWEDAA ILLSNTSQATLGPEHLMPSS TYVARVRTRL APGSRLSGRP SKWSPEVCWD SQPGDEAQPQ NLECFFDGAA VLSCSWEVRK EVASSVSFGL FYKPSPDAGEEECSPVLREG LGSLHTRHHC QIPVPDPATH GQYIVSVQPR RAEKHIKSSV NIQMAPPSLN VTKDGDSYSL RWETMKMRYE HIDHTFEIQYRKDTATWKDS KTETLQNAHS MALPALEPST RYWARVRVRT

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SRTGYNGIWS EWSEARSWDT ESVLPMWLEH HHHHH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	> 95% by SDS – PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name	CSF2RB colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage) [Homo sapiens]
Official Symbol	CSF2RB
Synonyms	CSF2RB; colony stimulating factor 2 receptor, beta
Gene ID	1439
mRNA Refseq	NM_000395
Protein Refseq	NP_000386
MIM	138981
UniProt ID	P32927

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