

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 VIPCQSFVVTVDVDFSFQPD RPLGTRLTVT LTQHVQPPEP RDLQISTDQD HFLTWSVAL GSPQSHWLSP GDLEFEVVK RLQDSWEDAA ILLSNTSQATLGPEHLMPS TYVARVRTRL APGSRLSGRP SKWSPEVCWD SQPGDEAQPQ NLECFDGA VLSCSWEVRK EVASSVSFGL FYKPSPDAGEEECSVLREG LGSLHTRHHC QIPVPDPATH GQYIVSVQPR RAEKHIKSSV NIQMAPP SLN VTKDGDSYSL RWETMKMRYE HIDHTFEIQYRKDTATWKDS KTETLQNAHS MALPALEPST RYWARVRVRT

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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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