Recombinant Human CSF2RB, Fc-tagged

Cat. No. CSF2RB-29794TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length extracellular domain of Human IL3RB fused to the Fc region of Human IgG1 expressed in modified Human 293 cells.
Species	Human
Description	The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP).
Conjugation	Fc
Form	Lyophilised:It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial.Following reconstitution short-term storage at 4°C is recommended, with longer-term storage in aliquots at -18 to -20°C. Repeated freeze thawing is not rec
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Trehalose, 1% Human serum albumin, PBS
Storage	Store at +4°C.
Sequences of amino acids	Theoretical Sequence:WERSLAGAEETIPLQTLRCYNDYTSHITC RWADTQDAQRLV NVTLIRRVNEDLLEPVSCDLSDDMPW SACPHPRCVPRRCVIPCQSFVVTDVDYFSF QPDRPLGTRLTVTLTQHVQPPEPRDLQISTDQDHFLLTWSVALGSPQS HWLSPGDL

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	EFEVVYKRLQDSWEDAAILLSNTSQATLGP EHLMPSSTYVARVRTRLAPGSRLSGR PSKWSPEVCWDS QPGDEAQPQNLECFFDGAAVLSCSWEVRKEVASSVSFGLFYK PSPDAGEEECSPVLREGLGSLHTRHHCQIPVPDPAT HGQYIVSVQPRRAEKHIKSS VNIQMAPPSLNVTKDGDS YSLRWETMKMRYEHIDHTFEIQYRKDTATWKDSKTETL QNAHSMALPALEPSTRYWARVRVRTSRTGYNGIWSEWSEA RSWDTESVLPMWG SSNTKVDKKVEPKSCDKTHTCPPCP APELLGGPSVFLFPPKPKDTLMISRTPEVTCV VVDVSH EDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVL TVLHQDWLNG KEYKCKVSNKALPAPIEKTISKAKGQPREP QVYTLPPSRDELTKNQVSLTCLVKGFY PSDIAVEWESN GQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNV FSCSV MHEALHNHYTQKSLSLSPGK	
Sequence Similarities	Belongs to the type I cytokine receptor family. Type 4 subfamily.Contains 2 fibronectin type-III domains.
Full Length	Full L.

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, low-affinity (granulocyte-macrophage); IL3RB; cytokine receptor common subunit beta; CD131; IL5RB;
Gene ID	1439
mRNA Refseq	NM_000395
Protein Refseq	NP_000386

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MIM	138981
Uniprot ID	P32927
Chromosome Location	22q12.2-q13.1
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	cytokine receptor activity; contributes_to interleukin-3 receptor activity; contributes_to interleukin-5 receptor activity; protein binding; receptor activity;

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