

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: None Constituents: 10% Trehalose, 1% Human serum albumin, PBS
Storage	Store at +4°C.
Sequences of amino acids	Theoretical Sequence: WERSLAGAEETIPLQTLRCYNDYTSHITC RWADTQDAQRLV NVTLIRRVNEDLLEPVSCDLSDDMPW SACPHPRCVPRRCVIPQSFVVTDVDFYFSF QPDRPLGTRLTVTLTQHVQPPEPRDLQISTDQDHFLTWSVALGSPQS HWLSPGDL

 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

EFEVVKRLQDSWEDAAILLSNTSQATLGP EHLMPSSSTYVARVRTRLAPGSRLSGR
 PSKWSPEVCWDS QPGDEAQPQNLECFDGA AVLSCSWEVRKEVASSVSFGLFYK
 PSPDAGEEECSVLREGLGSLHTRHHCQIPVPDPAT HGQYIVSVQPRRAEKHIKSS
 VNIQMAPPSSLNVTKDGD YSLRWETMKMRYEHIDHTFEIQYRKDTATWKDSKTETL
 QNAHSMALPALEPSTRYWARVRVRTSRTGYNGIWSEWSEA RSWDTESVLP MWG
 SSNTKVDKKVEPKSCDKTHTCPPCP APELLGGPSVFLFPPKPKDTLMISRTPEVTCV
 VVDVSH EDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVL TVLHQDWLNG
 KEYKCKVSNKALPAPIEKTISKAKGQPREP QVYTLPPSRDELTKNQVSLTCLVKGFY
 PSDIAVEWESN GQPENNYKTTTPVLDS DGSFFLYSKLTVDKSRWQQGNV 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

 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

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;

 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