

Recombinant Full Length Human CSF2RB Protein

Cat. No. CSF2RB-2169HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSF2RB full-length ORF (AAH70085.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	897 amino acids
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). [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	96.2 kDa
AA Sequence	MVLAQGLLSMALLALCWERSLAGAEETIPLQTLRCYNDYTSHITCRWADTQDAQRL VNVTLIRRVNEDLLEPVSCDLSDDMPWSACPHPRCVPRRCVIPCQSFVVTDVDYFS FQPDRPLGTRLTVTLTQHVPPEPRDLQISTDQDHFLTWSVALGSPQSHWLSPGD LEFEVVYKRLQDSWEDAAILLSNTSQATLGPEHLMPSSTYVARVRTRLAPGSRLSGR PSKWSPEVCWDSQPGDEAQPQNLECFDGA AVLSCSWEVRKEVASSVSFGLFYK PSPDAGEEECSVLREGLGSLHTRHHCQIPVPDPATHGQYIVSVQPRRAEKHIKSSV NIQMAPP SLNVTKDGDSYSLRWETMKMRYEHIDHTFEIQYRKDTATWKDSKTETLQ NAHSMALPALEPSTRYWARVRVRTSRTGYNGIWSEWSEARSWDTESVLP MWVLAL IVIFLTI AVL LALRFCGIYGYRLRRK WEEKIPNPSKSHLFQNGSAELWPPG SMSAFTS

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GSPPHQGPWGSRFPELEGVFPVGF GDSEVSPLTIEDPKHVCDPPSGPDTTPAASDL
 PTEQPPSPQPGPPAASHTPEKQASSFDFNGPYLGPPHSRSLPDILGQPEPPQEGGS
 QKSPPPGSLEYLCLPAGGQVQLVPLAQAMGPGQAVEVERRPSQGAAGSPSLESG
 GGPAPPALGPRVGGQDQKDSPVAIPMSSGDTEDPGVASGYVSSADLVFTPNGAS
 SVSLVPSLGLPSDQTPSLCPGLASGPPGAPGPVKSGFEGYVELPPIEGRSPRSPRN
 NPVPPEAKSPVLNPGERPADVSTSPQPEGLLVLQQVGDYCFPLPGLGPGPLSLRSK
 PSSPGPGPEIKNLDQAFQVKKPPGQAVPQVPVIQLFKALVVSVM SVGPPVP

Applications

Antibody Production
 Functional Study
 Compound Screening

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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; GM-CSF/IL-3/IL-5 receptor common beta-chain; GM-CSF/IL-3/IL-5 receptor common beta subunit; colony-stimulating factor-2 receptor, beta, low-affinity; interleukin 3 receptor/granulocyte-macrophage colony stimulating factor 3 receptor, beta (high affinity); SMDP5; CDw131

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Gene ID	1439
mRNA Refseq	NM_000395
Protein Refseq	NP_000386
MIM	138981
UniProt ID	P32927

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