

GM-CSF Receptor Beta Recombinant Protein | CSF2RB recombinant protein

Recombinant Human GM-CSF Receptor Beta

CATALOG #
AAA38024

HOST
Sf9 Baculovirus Cells

PRODUCT SYNONYMS

GM-CSF Receptor Beta; Recombinant Human GM-CSF Receptor Beta; CSF2RB Human; GM-CSF Receptor Beta Human Recombinant; CSF2RB; Colony Stimulating Factor 2 Receptor; Beta; Low-Affinity (Granulocyte-Macrophage); GM-CSF/IL-3/IL-5 Receptor Common Beta Subunit; CDw131; IL3RB; SMDP5; IL5RB; Interleukin 3 Receptor/Granulocyte-Macrophage Colony Stimulating Factor 3 Receptor; Beta (High Affinity); Colony-Stimulating Factor-2 Receptor; Low-Affinity; GM-CSF/IL-3/IL-5 Receptor Common Beta-Chain; Cytokine Receptor Common Subunit Beta; CD131 Antigen; CD131; CSF2RB recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Baculovirus Cells
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	CSF2RB protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH7.4) and 10% glycerol.
Sequence	WERSLAGAEE TIPLQTLRCY NDYTSHTCR WADTQDAQRL VNVTLIRRVN EDLLEPVSCD LSDDMPWSAC PHPRCVPRRC VIPCQSFVVT DVDYFSFQPD RPLGTRLTVT LTQHVQPPEP RDLQISTDQD HFLTWSVAL GSPQSHWLSP GDLEFEVVYK RLQDSWEDAA ILLSNTSQAT LGPEHLMPS TYVARVRTRL APGSRLSGRP SKWSPEVCWD SQPGDEAQPQ NLECFDGA VLSCSWEVRK EVASSVSFGL FYKPSPDAGE EECSPVLREG LGS L HTRHHC QIPVPDPATH GQYIVSVQPR RAEKHIKSSV NIQMAPP SLN VTKDGDSYSL RWETMKMRYE HIDHTFEIQY RKDTATWKDS KTETLQNAHS MALPALEPST RYWARVRVRT SRTGYNGIWS EWSEARSWDT ESVLPMW <u>LEHHHHHH</u> .< /u>
Sequence Length	897
Physical Appearance	Sterile Filtered clear solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for CSF2RB recombinant protein	Introduction: GM-CSF Receptor Beta, also known as CSF2RB is a member of the type I cytokine receptor family. CSF2RB is a high affinity receptor for interleukin-3, interleukin-5 as well as granulocyte-macrophage colony-stimulating factor. CSF2RB unique form of receptor assembly applies also to IL-3 and IL-5 receptors, providing a structural basis for understanding their activation mechanism which is essential for the development of therapeutics. Description: CSF2RB Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 435 amino acids (17-443 a.a) and having a molecular mass of 49.7kDa. CSF2RB is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for CSF2RB recombinant protein	Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4559408
NCBI GeneID	1439
NCBI Accession #	NP_000386.1

NCBI GenBank Nucleotide #	NM_000395.2
UniProt Accession #	P32927 ; Q5JZ11 ; Q6ICE0
NCBI Official Full Name	cytokine receptor common subunit beta
NCBI Official Synonym Full Names	colony stimulating factor 2 receptor beta common subunit
NCBI Official Symbol	CSF2RB
NCBI Official Synonym Symbols	CD131; IL3RB; IL5RB; SMDP5; CDw131
NCBI Protein Information	cytokine receptor common subunit beta
UniProt Protein Name	Cytokine receptor common subunit beta
UniProt Gene Name	CSF2RB
UniProt Synonym Gene Names	IL3RB; IL5RB
UniProt Entry Name	IL3RB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/csf2rb-recombinant-protein-sf9/38024>