

Active Recombinant Human CSF2RB protein, His-tagged

Cat. No. CSF2RB-3177H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CSF2RB protein(P32927-1)(Thr17-Trp443) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	17-443 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Human IL-3 R Beta, His Tag immobilized on CM5 Chip can bind Human GM-CSF, No Tag with an affinity constant of 4.13 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 50.30 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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;

Gene ID 1439

mRNA Refseq NM_000395

Protein Refseq NP_000386

MIM 138981

UniProt ID P32927

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