

Recombinant Human CSF2RB protein, His & GST-tagged

Cat. No. CSF2RB-7090H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF2RB aa. (Pro133~Val233 (Accession # P32927)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro133~Val233
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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.
Applications	SDS-PAGE; WB; ELISA; IP.

 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

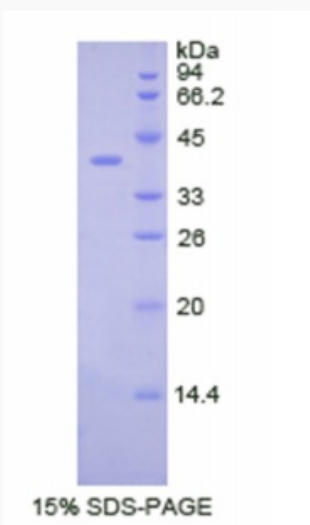
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	CSF2RB colony stimulating factor 2 receptor beta common subunit [Homo sapiens (human)]
Official Symbol	CSF2RB
Synonyms	CSF2RB; colony stimulating factor 2 receptor beta common subunit; CD131; IL3RB; IL5RB; SMDP5; CDw131; cytokine receptor common subunit beta; GM-CSF/IL-3/IL-5 receptor common beta subunit; GM-CSF/IL-3/IL-5 receptor common beta-chain; beta common cytokine receptor; colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage); colony-stimulating factor-2 receptor, beta, low-affinity; interleukin 3 receptor/granulocyte-macrophage colony stimulating factor 3 receptor, beta (high affinity)
Gene ID	1439

mRNA Refseq [NM_000395.2](#)

Protein Refseq [NP_000386.1](#)

UniProt ID [P32927](#)

SDS-PAGE



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