

Recombinant Mouse Csf2rb Protein, His-tagged

Cat. No. Csf2rb-855M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Csf2rb Protein (His23-Trp441) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His23-Trp441
Description	Predicted to enable cytokine receptor activity. Acts upstream of or within cytokine-mediated signaling pathway and regulation of cell growth. Predicted to be located in membrane. Predicted to be integral component of membrane. Is expressed in several structures, including bone marrow; cardiovascular system mesenchyme; dorsal aorta; genitourinary system; and yolk sac. Used to study pulmonary alveolar proteinosis. Human ortholog(s) of this gene implicated in pulmonary alveolar proteinosis. Orthologous to human CSF2RB (colony stimulating factor 2 receptor subunit beta).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.1 kDa; Accurate Molecular Mass: 54 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Csf2rb colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage) [Mus musculus (house mouse)]
Official Symbol	Csf2rb
Synonyms	CSF2RB; colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage); cytokine receptor common subunit beta; beta c; CD131 antigen; common beta chain; 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 1, low-affinity (granulocyte-macrophage); Bc; Il3r; AIC2B; Il3rb; Il5rb; CDw131; Il3rb1; Csf2rb1; Csfgmr; A1848964; MGC130522;
Gene ID	12983
mRNA Refseq	NM_007780
Protein Refseq	NP_031806

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