

Recombinant Rat CSF2Rb protein(Met1-Trp440), hFc-tagged

Cat. No. CSF2Rb-1357R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CSF2Rb (NP_598239.1)(Met1-Trp440) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Trp440
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat CSF2Rb/Fc is a disulfide-linked homodimer. The reduced monomer comprises 659 amino acids and has a predicted molecular mass of 75.1 kDa. The apparent molecular mass of the protein is approximately 123 and 89 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Csf2rb colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage) [*Rattus norvegicus*]

Official Symbol CSF2Rb

Synonyms CSF2RB; colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage); cytokine receptor common subunit beta; interleukin 3 common beta chain; colony stimulating factor 2 receptor, beta 1, low-affinity (granulocyte-macrophage); Csf2rb1;

Gene ID 171081

mRNA Refseq NM_133555

Protein Refseq NP_598239

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