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

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

## SPECIFICATION

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| **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

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| **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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