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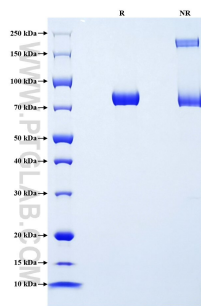
Recombinant Mouse Csf2rb2 protein (rFc Tag)



Catalog Number: Eg2873

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/µg protein, LAL method Source: HEK293-derived Mouse Csf2rb2 protein His23-Trp440 (Accession# P26954) with a rabbit IgG Fc tag at the C-terminus. GeneID: 12984 Accession: P26954 Predicted Molecular Mass: 74.4 kDa SDS-PAGE: 73-87 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Colony-stimulating factor 2 receptor subunit beta-2 (Csf2rb2) is the common subunit of the type I cytokine receptors for granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin (IL)-3 and IL-5. Mutations in Csf2rb2 are associated with pulmonary alveolar proteinosis. Csf2rb2 also effectively predicted the prognosis of patients with lung adenocarcinoma which could also be a potential target for cancer treatment and prevention.		
References	1.Côrte-Real BF. et al. (2022). Front Immunol. 13:1005965. 2.Papiris SA. et al. (2023). ERJ Open Res. 9(6):00703-2023. 3.Zhu N. et al. (2022). Front Oncol. 12:822849.		
Synonyms	Csf2rb2, AIC2A, Betall3, Bil3, Csfgmrb		
For technical support and original validation data for this product please contact			
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Selected Validation Data



Purity of Recombinant Mouse Csf2rb2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.