

For Research Use Only

Recombinant Human CSF2RA/CD116 protein (rFc Tag)



Catalog Number: Eg1995

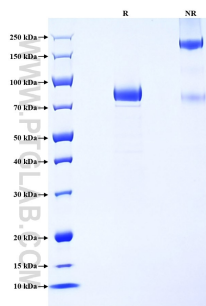
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human CSF2RA protein Glu23-Gly320 (Accession# P15509-1) with a rabbit IgG Fc tag at the C-terminus. GeneID: 1438 Accession: P15509-1 Predicted Molecular Mass: 60.8 kDa SDS-PAGE: 75-90 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	CD116, also named as CSF2RA, CDw116, CSF2RAX, CSF2RAY, CSF2RX, CSF2RY, GM-CSF-R-alpha, GMCSFR and GMR, is a low affinity receptor for granulocyte-macrophage colony-stimulating factor. CD116 transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.		
References	1. M Dabusti, et al. (2001) J Biol Regul Homeost Agents. Jan-Mar;15(1):86-9. 2. Rongzhong Huang, et al. (2020) Can J Cardiol. Nov;36(11):1782-1794.		
Synonyms	CD116, CSF2R, CSF2RA, GM CSF R alpha, GMCSFR		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Human CSF2RA 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.