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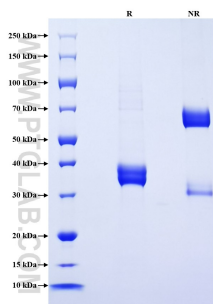
Recombinant Mouse CCL8/MCP-2 protein (rFc Tag)(HPLC verified)



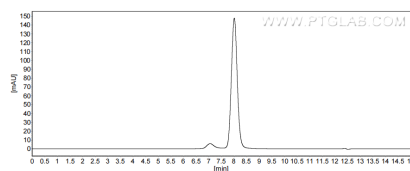
Catalog Number: Eg2771

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE >90 %, SEC-HPLC	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE >90 %, SEC-HPLC Endotoxin Level: <0.1 EU/ μg protein, LAL method Source: HEK293-derived Mouse CCL8/MCP-2 protein Gly24-Pro97 (Accession# Q9Z121) with a rabbit IgG Fc tag at the C-terminus. GeneID: 20307 Accession: Q9Z121 Predicted Molecular Mass: 34.5 kDa SDS-PAGE: 32-40 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. <ul style="list-style-type: none">• 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	The cys-cys (C-C) motif chemokine ligand 8 (CCL8; also known as MCP2) is implicated in various inflammatory processes. In bone marrow transplantation, circulating CCL8 levels positively correlate with severity of graft-versus-host disease. In solid organ transplantation, however, the role of CCL8 is less clear.		
References	<ol style="list-style-type: none">1. Vilgelm AE. et al. (2019) Front Immunol. 10: 333.2. Yamamoto M. et al. (2011) Exp Hematol. 39: 1101–1112.3. Klementowicz JE. et al. (2017) J Immunol. 199: 27–32.4. Hori T. et al. (2008) Blood. 111: 4403–4412.		
Synonyms	Ccl8, C-C motif chemokine 8, Ccl 8, CCL-8, chemokine (C C motif) ligand 8		

Selected Validation Data



Purity of Recombinant Mouse CCL8/MCP-2 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.



The purity of Mouse CCL8/MCP-2 was greater than 90% as determined by SEC-HPLC.

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

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