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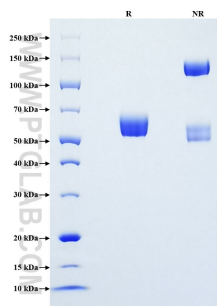
Recombinant Mouse CD84 protein (rFc Tag)



Catalog Number: Eg1386

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 CD84 protein Lys22-Val221 (Accession# Q18PI6-1) with a rabbit IgG Fc tag at the C-terminus. GenelD: 12523 Accession: Q18PI6-1 Predicted Molecular Mass: 48.8 kDa SDS-PAGE: 52-65 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	CD84, also known as SLAMF5, is a member of the CD2 subfamily of the immunoglobulin receptor superfamily. CD84 is a single-chain type-I glycoprotein composed of two extracellular Ig-like domains, a hydrophobic transmembrane region, and a cytoplasmic domain. It is broadly expressed on almost all leukocyte subsets. CD84 functions as a homophilic adhesion molecule, whose signaling can activate or inhibit leukocyte function depending on the cell type and its stage of activation or differentiation.		
References	1. de la Fuente MA. et al. (1997). Blood. 90(6):2398-405. 2. Cuenca M. et al. (2019). Clin Immunol. 204:43-49. 3. Rabani S. et al. (2024). Cell Rep. 43(11):114920.		
Synonyms	CD84/SLAMF5, CD84 antigen, SLAMF5		
For technical support and original validation data for this product please contact			
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)		E: proteintech@ptglab.com W: ptglab.com	
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Selected Validation Data



Purity of Recombinant Mouse CD84 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.