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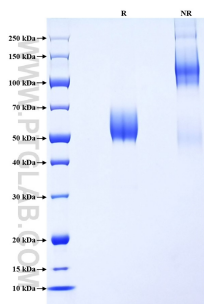
Recombinant Human CD300A protein (rFc Tag)



Catalog Number: Eg2652

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human CD300A protein Leu18-Gln178 (Accession# Q9UGN4-1) with a rabbit IgG Fc tag at the C-terminus</p> <p>GeneID: 11314</p> <p>Accession: Q9UGN4-1</p> <p>Predicted Molecular Mass: 43.5 kDa</p> <p>SDS-PAGE: 50-70 kDa, reducing (R) conditions</p> <p>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.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <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. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Human CD300a is a transmembrane protein, with an immunoglobulin (Ig)V-like extracellular domain and a cytoplasmic tail containing immunoreceptor tyrosine-based inhibitory motifs (ITIMs), providing the receptor with an inhibitory capacity. The relevance of the CD300a molecule in several pathological conditions has been highlighted by multiple studies.		
References	<ol style="list-style-type: none">1. Venkateswara R Simhadri, et al. (2012) Blood. 119(12):2799-809.2. Joana Vitallé, et al. (2023) Int J Mol Sci. 24(18):13754.		
Synonyms	CD300a, CD300 antigen-like family member A, CD300a molecule, CLM 8, CLM-8		

Selected Validation Data



Purity of Recombinant Human CD300A 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.

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

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