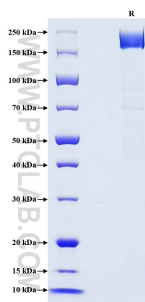


Recombinant Human LY75/CD205 protein (rFc Tag)

Catalog Number: Eg3439

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 LY75 protein Ser28-Asp1666 (Accession# O60449-1) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 4065</p> <p>Accession: O60449-1</p> <p>Predicted Molecular Mass: 215.1 kDa</p> <p>SDS-PAGE: 170-250 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	<p>LY75 (also known as CD205) is a type I transmembrane surface protein, which is mainly expressed on dendritic cells (DCs) and thymic cortical epithelial cells. LY75 is a member of the MMR family of multidomain molecules. It contains a cysteine rich N-terminal domain, a fibronectin type II domain, and multiple C-type lectin-like domains. LY75/CD205 serves as an endocytosis receptor involved in antigen uptake, presentation, and initiation of the immune response. LY75/CD205 plays an important role in antigen uptake and presentation and T cell activation.</p>		
References	<ol style="list-style-type: none">1. W Jiang, et al. (1995) Nature. 375(6527):151-5.2. Matt Butler, et al. (2007) Immunology. 120(3):362-71.3. Minchan Gil, et al. (2020) J Clin Med. 9(5):1383.		
Synonyms	CD 205, LY75, LY75/DEC-205, CD205, DEC 205		

Selected Validation Data



Purity of Recombinant Human LY75 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

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

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.