

For Research Use Only

Recombinant Human LILRB2 protein (mFc Tag)



Catalog Number: Eg3879

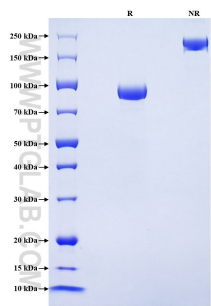
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: mFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human LILRB2 protein Gln22-His458 (Accession# Q8N423-1) with a mouse IgG Fc tag at the C-terminus GeneID: 10288 Accession: Q8N423-1 Predicted Molecular Mass: 74.1 kDa SDS-PAGE: 85-95 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	LILRB2 (Leukocyte immunoglobulin-like receptor subfamily B member 2), also known as ILT4, CD85d, or MIR10, is a type I transmembrane glycoprotein that contains four extracellular immunoglobulin domains, a transmembrane domain, and three cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). LILRB2 is mainly expressed in immunocytes including monocytes, macrophages, and dendritic cells, and transduces negative signals by its association with SHP-1 phosphatase via the ITIMs.		
References	1. Mi Deng. et al. (2021). Antib Ther. 4(1):16-33. 2. Peng Zhao. et al.(2022). Mol Neurodegener. 17(1):44.		
Synonyms	CD85 antigen-like family member D, CD85d, ILT 4, ILT4, ILT-4		

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

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Selected Validation Data



Purity of Recombinant Human LILRB2 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.