

For Research Use Only

Recombinant Human KIR2DL5/CD158f1 protein (rFc Tag)



Catalog Number: Eg3489

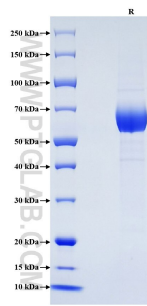
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human KIR2DL5 protein His22-His238 (Accession# Q8N109) with a rabbit IgG Fc tag at the C-terminus. GeneID: 57292 Accession: Q8N109 Predicted Molecular Mass: 49.6 kDa SDS-PAGE: 55-70 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	KIR2DL5, also known as CD158f1, is a member of the human killer cell immunoglobulin-like receptor (KIR) family. KIR2DL5 has two extracellular Ig-like domains of the D0 and D2 type, a structural configuration that was previously unique to KIR2DL4. KIR2DL5 is expressed by subpopulations of NK cells and T cells. KIR2DL5 inhibits the activity of NK cells thus preventing cell lysis.		
References	1. Vilches C. et al. (2000). J Immunol. 164(11):5797-5804. 2. Cisneros E. et al. (2012). Front Immunol. 3:289. 3. Ren X. et al. (2022). J Clin Invest. 132(22):e163620.		
Synonyms	KIR2DL5A, CD158F, CD158F1, KIR2DL5		

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

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

Selected Validation Data



Purity of Recombinant Human KIR2DL5 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.