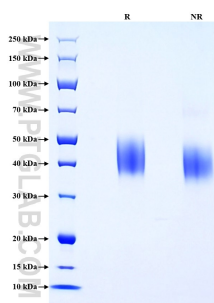


Recombinant Human SLAM/CD150 protein (His Tag)

Catalog Number: Eg1702

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: His 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 SLAM protein Ala21-Pro237 (Accession# Q13291-1) with a His tag at the C-terminus.</p> <p>GeneID: 6504</p> <p>Accession: Q13291-1</p> <p>Predicted Molecular Mass: 25.4 kDa</p> <p>SDS-PAGE: 38-50 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>Signaling lymphocytic activation molecule (SLAM, also known as SLAMF1 or CD150) is a glycoprotein found on the surface of T, B, natural killer, and dendritic cells. The extracellular domain of CD150 serves as a receptor for the measles virus, and CD150 acts as a co-activator on T and B cells (PMID: 11486275). SLAM is constitutively expressed on peripheral blood memory T-cells, T-cell clones, immature thymocytes and a proportion of B-cells, and is rapidly induced on naive T-cells after activation (PMID: 7617038). SLAM is involved in T cell stimulation and cytokine production, and may play an important role in the regulation of immune responses to pathogens (PMID: 30366106).</p>		
References	<ol style="list-style-type: none">1. Wang N. et al. (2001). Immunogenetics. 53(5):382-394.2. Cocks BG. et al. (1995). Nature. 376(6537):260-263.3. Yigit B. et al. (2019). Clin Immunol. 204:3-13.		
Synonyms	SLAMF1, CD150, IPO 3, IPO-3, SLAM		

Selected Validation Data



Purity of Recombinant Human SLAM 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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