PRODUCT INFORMATION

Target	SLAMF1
Synonyms	SLAMF1;CD150;CDw150;SLAM;IPO-3
Description	Recombinant human SLAMF1 protein with C-terminal mouse Fc and 6×His tag
Delivery	In Stock
Uniprot ID	Q13291
Expression Host	HEK293
Tag	C-Mouse Fc and 6×His Tag
Molecular Characterization	SLAMF1(Ala21-Pro237) mFc(Pro99-Lys330) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 51.8 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	SLAMF1 (Signaling Lymphocytic Activation Molecule Family Member 1) is a Protein Coding gene. Diseases associated with SLAMF1 include Measles and Subacute Sclerosing Panencephalitis. Among its related pathways are Dendritic Cells Developmental Lineage Pathway and T Cell Co-Signaling Pathway: Ligand-Receptor Interactions. Gene Ontology (GO) annotations related to this gene include antigen binding. An important paralog of this gene is LY9.
Usage	Research use only
Conjugate	Unconjugated

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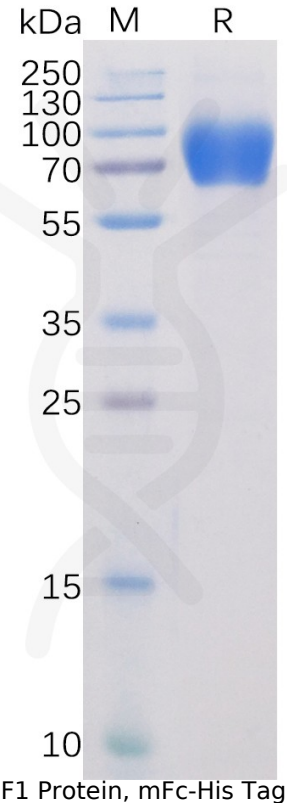


Figure 1. Human SLAMF1 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

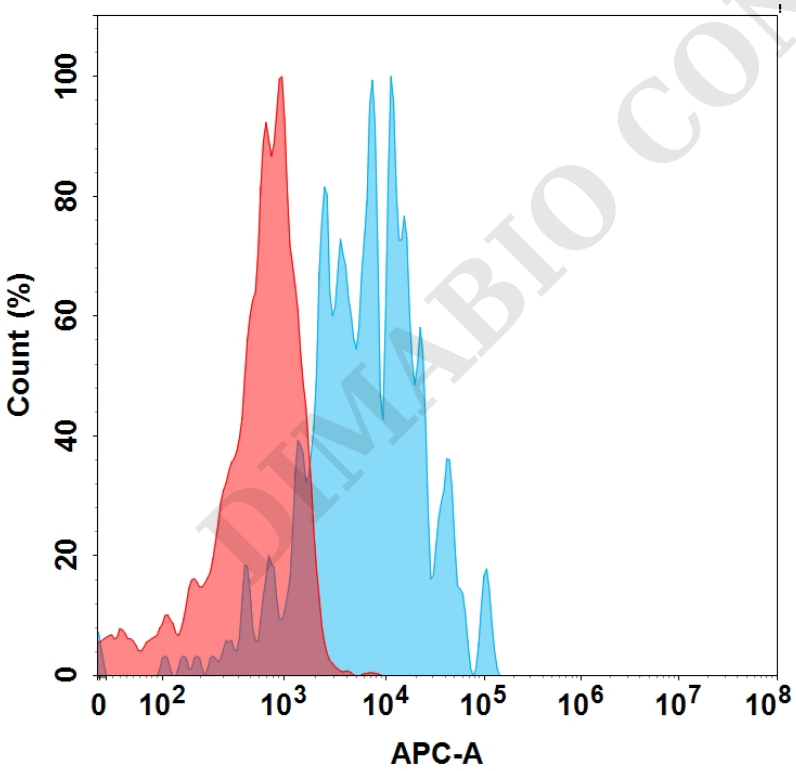


Figure 2. Flow cytometry analysis with 15 μg/mL Human SLAMF1 Protein, mFc-His Tag (PME100024) on HEK293 cells transfected with Human SLAMF1 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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