

Recombinant Human SLAMF1 protein, His-tagged

Cat. No. SLAMF1-351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLAMF1 protein (Ala21-Pro237), fused to His tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	217
Description	Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family, also known as CD150, is the prototypic member of the SLAM subfamily of the CD2 protein family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2. SLAMF1-induced signal-transduction events in T-lymphocytes are different from those in B-cells. The type I transmembrane glycoprotein Signaling Lymphocytic Activation Molecule (SLAM).
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 26.2 kDa. The protein migrates as 42-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Endotoxin	Less than 1.0 EU per ug by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20 centigrade to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SLAMF1
Official Symbol	SLAMF1
Synonyms	SLAMF1; signaling lymphocytic activation molecule family member 1; signaling lymphocytic activation molecule , SLAM; signaling lymphocytic activation molecule; CD150; IPO-3; SLAM; CDw150
Gene ID	6504
mRNA Refseq	NM_003037
Protein Refseq	NP_003028
MIM	603492

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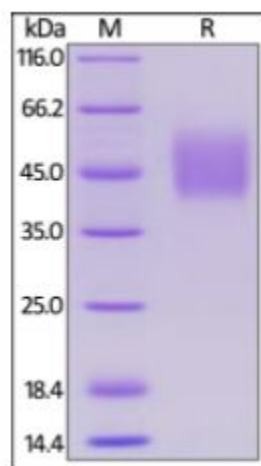
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UniProt ID

Q13291

SDS-PAGE of
SLAMF1-351H



Human SLAMF1 on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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