

Datasheet for ABIN2181777

SLAMF7 Protein (AA 23-226) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	SLAMF7
Protein Characteristics:	AA 23-226
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLAMF7 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 23-226
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 49 kDa. The protein migrates as 60-67 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	SLAMF7
Alternative Name:	SLAMF7 (SLAMF7 Products)

Target Details

Background: SLAM family member 7 (SLAMF7) is also known as CD2-like receptor-activating cytotoxic cells (CRACC), Membrane protein FOAP-12, CD antigen CD319, Novel Ly9, Protein 19A, which is a single-pass type I membrane protein and a member of the CD2 family of cell surface receptors. SLAMF7 is expressed in spleen, lymph node, peripheral blood leukocytes, bone marrow, small intestine, stomach, appendix, lung and trachea. Isoform 1 of SLAMF7 mediates NK cell activation through a SH2D1A-independent extracellular signal-regulated ERK-mediated pathway. May play a role in lymphocyte adhesion. Isoform 3 of SLAMF7 does not mediate any NK cell activation.

Molecular Weight: 49.0 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

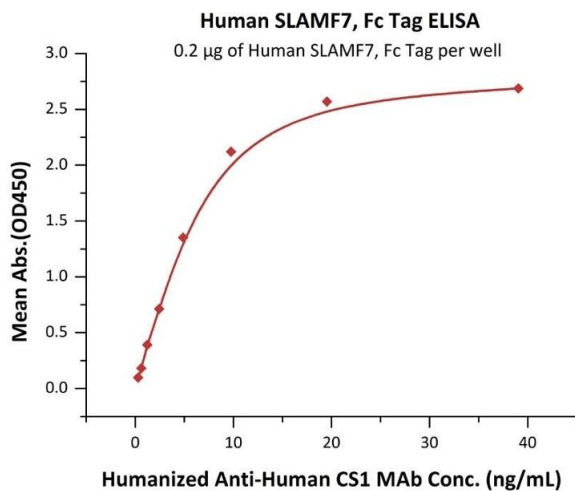
Buffer: Tris with Glycine, Arginine and NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

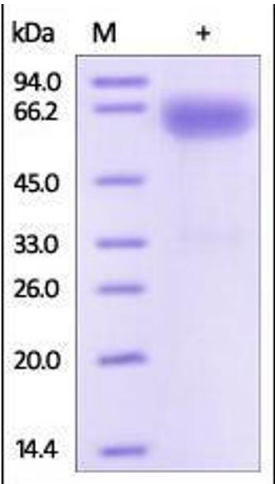
Storage Comment: No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

Images



ELISA

Image 1. Immobilized Human SLAMF7, Fc Tag (ABIN2181778, ABIN2181777) at 2 µg/mL (100 µL/well) can bind Humanized A CS1 MAb with a linear range of 0.3-5 ng/mL (Routinely tested).



SDS-PAGE

Image 2. Human SLAMF7, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.