Datasheet for ABIN2181775

SLAMF7 Protein (AA 23-226) (His tag)

3 Images

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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 His tag.

Product Details

Sequence:	AA 23-226
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 23.2 kDa. The protein migrates as 33-48 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:	23.2 kDa

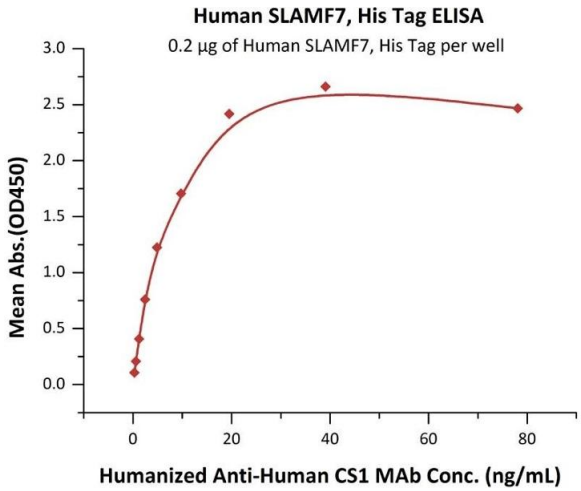
Application Details

Restrictions:	For Research Use only

Handling

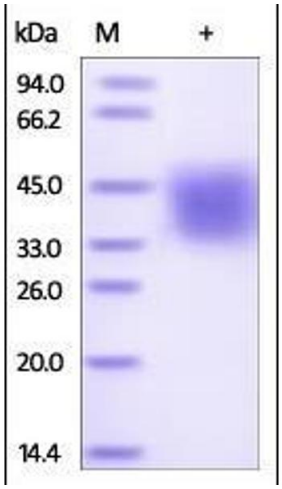
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

Images



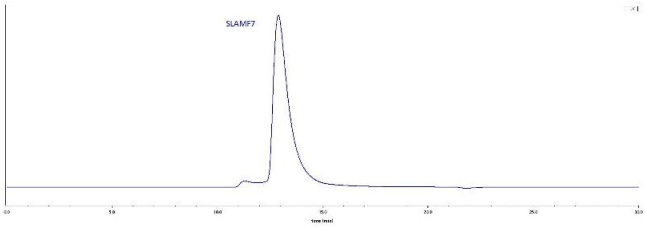
ELISA

Image 1. Immobilized Human SLAMF7, His Tag (ABIN2181776,ABIN2181775) at 2 μg/mL (100 μL/well) can bind Humanized A CS1 MAb with a linear range of 0.3-10 ng/mL (Routinely tested).



SDS-PAGE

Image 2. Human SLAMF7, His 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%.



High Pressure Liquid Chromatography

Image 3. The purity of Human SLAMF7, His Tag (ABIN2181776,ABIN2181775) was greater than 90 % as determined by .

