

Datasheet for ABIN7321032  
**SLAMF7 Protein (His tag)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	50 µg
Target:	SLAMF7
Origin:	Rhesus Monkey
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLAMF7 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Rhesus Macaque SLAM Family Member 7/SLAMF7/CD319/CRACC (C-6His)
Sequence:	Ser23-Met226
Characteristics:	Recombinant Rhesus Macaque SLAM Family Member 7 is produced by our Mammalian expression system and the target gene encoding Ser23-Met226 is expressed with a 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	SLAMF7
Alternative Name:	SLAM Family Member 7/SLAMF7/CD319/CRACC ( <a href="#">SLAMF7 Products</a> )
Background:	Background: SLAMF7 is a single-pass type I membrane protein and contains 1 Ig-like C2-type (immunoglobulin-like) domain. SLAMF7 is expressed in NK cells, activated B-cells, NK-cell line

## Target Details

but not in promyelocytic, B-cell lines, or T-cell lines. Although the cytoplasmic domain of CS1 contains immunoreceptor tyrosine-based switch motifs (ITSM), which enables to recruit signaling lymphocyte activation molecule (SLAM)-associated protein (SAP/SH2D1A), it activates NK cells in the absence of a functional SAP. SLAMF7 positively regulated natural killer cell functions by a mechanism dependent on the adaptor EAT-2 but not the related adaptor SAP. However, in the absence of EAT-2, CRACC potently inhibited natural killer cell function. It was also inhibitory in T cells, which are typically devoid of EAT-2. Thus, SLAMF7 can exert activating or inhibitory influences on cells of the immune system depending on cellular context and the availability of effector proteins.

Synonym: SLAM Family Member 7, CD2 Subset 1, CD2-Like Receptor-Activating Cytotoxic Cells, CRACC, Membrane Protein FOAP-12, Novel Ly9, Protein 19A, CD319, SLAMF7, CS1

Molecular Weight:	23.3 kDa
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UniProt:	<a href="#">F7HQ72</a>
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## Application Details

Comment:	30-50 kDa
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Restrictions:	For Research Use only
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## Handling

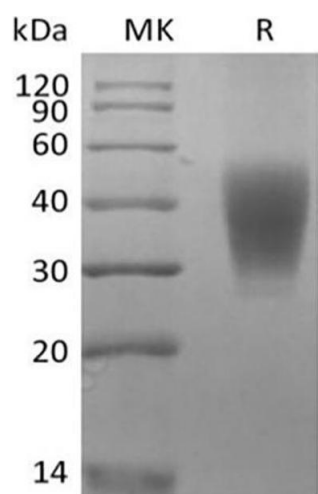
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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**Western Blotting**

**Image 1.**