## PRODUCT INFORMATION

## Expression system

Baculovirus

## Domain

21-237aa

## UniProt No.

Q13291
NCBI Accession No.
NP_003028

## Alternative Names

Signaling lymphocytic activation molecule family member 1, SLAMF1, SLAM, CD150, CDw150

## PRODUCT SPECIFICATION

## Molecular Weight

25.3 kDa (226aa)

## Concentration

$0.5 \mathrm{mg} / \mathrm{ml}$ (determined by BCA assay)

## Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10\% glycerol

## Purity

> 95\% by SDS-PAGE

## Endotoxin level

< 1 EU per lug of protein (determined by LAL method)

## Tag

His-Tag

## Application

SDS-PAGE

## Storage Condition

Can be stored at +2 C to +8 C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

## Description

SLAMF1, also known as signaling lymphocytic activation molecule family member 1 , is a cell surface sialylated phosphoglycoprotein and belongs to the CD2 subset of the Ig superfamily of type I transmembrane glycoproteins. This protein is constitutively expressed on peripheral blood memory T cells, T-cell clones, immature thymocytes, and a proportion of B cells, and is rapidly induced on naive $T$ cells after activation. High-

## NKMAXBio we support you, we believe in your research

## Recombinant human SLAM/CD150 protein

Catalog Number: ATGP3522
affinity for self-ligand is important in bidirectional T-cell to B-cell stimulation. Recombinant mouse SLAMF1 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

## Amino acid Sequence

<ADP>ASYGTGG RMMNCPKILR QLGSKVLLPL TYERINKSMN KSIHIVVTMA KSLENSVENK IVSLDPSEAG PPRYLGDRYK FYLENLTLGI RESRKEDEGW YLMTLEKNVS VQRFCLQLRL YEQVSTPEIK VLNKTQENGT CTLILGCTVE KGDHVAYSWS EKAGTHPLNP ANSSHLLSLT LGPQHADNIY ICTVSNPISN NSQTFSPWPG CRTDPSETKP < HHHHHH>

## General References

Ma C., et al. (2012) J Biol Chem. 287: 18359-18365.
Romanets-Korbut O., et al. (2015) PLoS One. 10: e0118302.

## DATA

## SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

