## PRODUCT INFORMATION

## Expression system

Baculovirus

## Domain

22-226aa

## UniProt No.

Q96DU3
NCBI Accession No.
NP_001171643

## Alternative Names

SLAMF family member 6 isoform 1, SLAMF6, CD352, KALI, KALIb, Ly108, NTB-A, NTBA, SF2000

## PRODUCT SPECIFICATION

## Molecular Weight

24.1 kDa (214aa)

## Concentration

$0.5 \mathrm{mg} / \mathrm{ml}$ (determined by absorbance at 280nm)

## 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 -20 C to -80 C . Avoid repeated freezing and thawing cycles.

## BACKGROUND

## Description

SLAMF6, also known as SLAM family member 6 isoform 1, belongs to the SLAM family of immune cell receptors. It is a novel receptor on T cells that, when engaged, potentiates T cell expansion in a CD28-independent manner. This protein is expressed on NK-, T-, and B cells. It undergoes tyrosine phosphorylation and associates with the Src homology 2 domain-containing protein (SH2D1A) as well as with SH2 domain-containing phosphatases

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Recombinant human NTB-A/SLAMF6 protein
Catalog Number: ATGP3483
(SHPs). It may function as a coreceptor in the process of NK cell activation. Recombinant human SLAMF6 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

## Amino acid Sequence

ADPQSSLTPL MVNGILGESV TLPLEFPAGE KVNFITWLFN ETSLAFIVPH ETKSPEIHVT NPKQGKRLNF TQSYSLQLSN LKMEDTGSYR AQISTKTSAK LSSYTLRILR QLRNIQVTNH SQLFQNMTCE LHLTCSVEDA DDNVSFRWEA LGNTLSSQPN LTVSWDPRIS SEQDYTCIAE NAVSNLSFSV SAQKLCEDVK IQYTDTKMHH HHHH

## General References

Aversa G. et al., (1997) Immunol Cell Biol. 75:202-205.
Valdez PA. et al., (2004) J. Biol. Chem. 279:18662-18669.

DATA

SDS-PAGE


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

## $15 \%$ SDS-PAGE (3ug)

