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## Recombinant human NTB-A/SLAMF6 protein

Catalog Number: ATGP3483

## **PRODUCT INFORMATION**

## **Expression system**

Baculovirus

#### **Domain**

22-226aa

#### UniProt No.

096DU3

#### **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

0.5mg/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 1ug of protein (determined by LAL method)

#### Tag

His-Tag

## **Application**

SDS-PAGE

## **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. 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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(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**

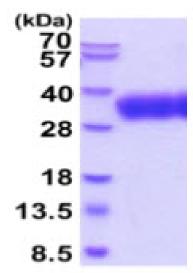
ADPQSSLTPL MVNGILGESV TLPLEFPAGE KVNFITWLFN ETSLAFIVPH ETKSPEIHVT NPKQGKRLNF TQSYSLQLSN LKMEDTGSYR AQISTKTSAK LSSYTLRILR QLRNIQVTNH SQLFQNMTCE LHLTCSVEDA DDNVSFRWEA LGNTLSSQPN LTVSWDPRIS SEQDYTCIAE NAVSNLSFSV SAQKLCEDVK IQYTDTKMHH HHHH

### **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**





15% SDS-PAGE (3ug)

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

