

Recombinant human NTB-A/SLAMF6 protein

Catalog Number: ATGP3483

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, KAL1b, 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

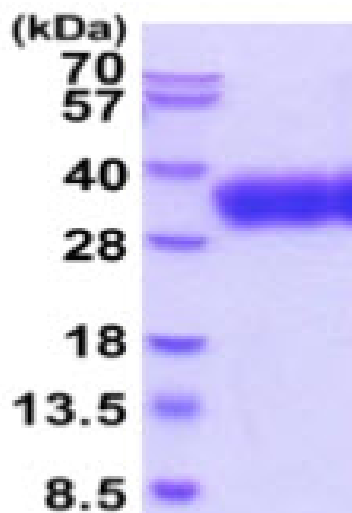
ADPQSSLTPL MVNGILGESV TLPLEFPAGE KVNFIWTLFN ETSLAFIVPH ETKSPEIHVT NPKQGKRLNF TQSYSLQLSN
LKMEDTGSYR AQISTKTSK LSSYTLRILR QLRNIQVTNH SQLFQNTCE LHLTCSVEDA DDNVSFRWEA LGNTLSSQPN
LTVSWDPRIS SEQDYTCIAE NAVSNLSFSV SAQKLCEDVK IQYTDTKMHH HHHH

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)