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Recombinant human SLAM/CD150 protein

Catalog Number: ATGP3522

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

21-237aa

UniProt No.

013291

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

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

ıag

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

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-



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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

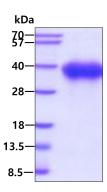
<ADP>ASYGTGG RMMNCPKILR QLGSKVLLPL TYERINKSMN KSIHIVVTMA KSLENSVENK IVSLDPSEAG PPRYLGDRYK FYLENLTLGI RESRKEDEGW YLMTLEKNVS VQRFCLQLRL YEQVSTPEIK VLNKTQENGT CTLILGCTVE KGDHVAYSWS EKAGTHPLNP ANSSHLLSLT LGPQHADNIY ICTVSNPISN NSQTFSPWPG CRTDPSETKP < HHHHHHH>

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.

