

SLAMF6, 22-226aa, Human, His-tag, Baculovirus

Cat.NO.: TP03960

3th Edition

Synonyms:SLAMF family member 6 isoform 1, SLAMF6, CD352, KALI, KAL1b, Ly108, NTB-A, NTBA, SF2000

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 (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.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:24.1kDa (214aa), 28-40kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPQSSLTPLMVNGILGESVTLPLEFPAGEKVNFIWLFNETSLAFIVPHETKSPEIHVTNPKQGKRLNFTQSYSLQL
SNLKMEDTGSYRAQISTKTSAKLSSYTLRILRQLRNIQVTNHSQLFQNMTCELHLTCSVEDADDNVSRWEALGNTL
SSQPNLTVSWDPRISSEQDYTCIAENAVSNLSFSVSAQKLCEDVKIQYTDTKMHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.