

Recombinant Human SLAMF6 Protein, C-His-tagged

Cat. No. SLAMF6-016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLAMF6 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	SLAMF6 (CD352/NTB-A) is a type-I transmembrane glycoprotein belonging to the signaling lymphocytic activation molecule (SLAM) family of immunomodulatory receptors. Like other members of the SLAM receptor family, SLAMF6 contains Ig-like domains within its extracellular region and conserved tyrosine-based signaling motifs within its intracellular domain that, when phosphorylated, bind to the SAP and EAT-2 signaling adaptors. SLAMF6 is expressed on the surface of multiple types of immune cells, such as those of the B, T, and NK lineages. Its activation is triggered by homotypic interactions involving its extracellular domain. Indeed, research studies have shown that in T-cells, SLAMF6 engagement facilitates activation and cytokine production. Similarly, homotypic ligand-mediated engagement of SLAMF6 on NK cells activates signaling cascades that drive proliferation, cytotoxicity, and cytokine production.
Molecular Mass	~23 kDa
AA Sequence	QSSLTPLMVNGILGESVTLPLEFPAGEKVNFIWLFNETSLAFIVPHETKSPEIHVTNP KQGKRLNFTQSYSLQLSNLKMEDTGSYRAQISTKTSAKLSSYTLRILRQLRNIQVTNH SQLFQNMTCELHLTCSVEDADDNVSFRWEALGNTLSSQPNLTVSWDPRISSEQDYT

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	CIAENAVSNLSFSVSQAQKLCEDVKIQYTDTKM
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name	SLAMF6 SLAM family member 6 [Homo sapiens (human)]
Official Symbol	SLAMF6
Synonyms	SLAMF6; SLAM family member 6; CD352; KALI; KAL1b; Ly108; NTB A; NTBA; SF2000; NTBA receptor; NK-T-B-antigen; activating NK receptor; natural killer-, T- and B-cell antigen; NTB-A; FLJ50657; MGC104953;
Gene ID	114836
mRNA Refseq	NM_001184714
Protein Refseq	NP_001171643
MIM	606446

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UniProt ID

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