

Active Recombinant Human SLAMF6 Protein, His-Avi-tagged, Biotinylated

Cat. No. SLAMF6-242H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Human NTB-A, His Tag, Avi Tag is expressed from HEK293 cells. It contains AA Gln 22 - Met 226 (Accession # Q96DU3-1). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
Species	Human
Source	HEK293
ProteinLength	22-226 a.a.
Predicted N Terminal	Gln 22
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human NTB-A at 10 ug/mL (100 uL/well) can bind Biotinylated Human NTB-A, His Tag, Avi Tag with a linear range of 0.156-5 ug/mL.
Molecular Mass	The protein has a calculated MW of 26.8 kDa. The protein migrates as 35-44 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	SLAMF6 SLAM family member 6 [Homo sapiens]
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

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MIM	606446
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UniProt ID	Q96DU3
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