

## SLAMF6 Human

**Description:** SLAMF6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 228 amino acids (22-226 a.a.) and having a molecular mass of 25.5kDa. SLAMF6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-1293

For research use only.

**Synonyms:** CD352, KALI, KALib, Ly108, NTB-A, NTBA, Activating NK receptor, SLAM family member 6.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSQSSLTPL MVNGILGESV  
TLPLEFPAGE KVNFIWLFN ETSLAFIVPH ETKSPEIHVT NPKQGKRLNF TQSYSLQLSN  
LKMEDTGSYR AQISTKTSK LSSYTLRILR QLRNIQVTNH SQLFQNMTC E LHLTCSVEDA  
DDNVSFRWEA LGNTLSSQPN LTVSWDPRIS SEQDYTCIAE NAVSNLSFSV SAQKLCEDVK  
IQYDTDKM.

**Purity:** Greater than 85.0% as determined by SDS-PAGE.

**Formulation:**

SLAMF6 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4 Urea and 10% glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

SLAM family member 6 (SLAMF6) is a member of the SLAM family of immune cell receptors. SLAMF6 is a unique receptor on T cells which, when triggered potentiates T cell expansion in a CD28-independent manner. SLAMF6 has a high expression on NK-, T-, and B cells. SLAMF6 exhibits homotypic interactions and can connect with adaptor molecules such as SAP to alter immune cell function.

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