

# Product Information

## MemDX™ Membrane Protein Human SLAMF6 (SLAM family member 6) for Antibody

### Discovery

Cat. No.: **MP1138X**

This product is for research use only and is not intended for diagnostic use.

This product is a 56.9 kDa Human SLAMF6 membrane protein expressed in *In vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

SLAMF6

#### Protein Length

Full-length

#### Molecular Weight

56.9 kDa

#### TMD

1

#### Sequence

MLWLFQSLLFVFCFGPGNVVSQSSLTPLMVNGILGESVTLPLEFPAGEKVNFFITWLFNETSLAFIVPHETKSPEIHVTNPKQGKRLNF

### Product Description

#### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

GST-tag at N-terminal

#### Protein Format

Liposome

#### Form

Liquid

**Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

SLAMF6

**Full Name**

SLAM family member 6

**Introduction**

The protein encoded by this gene is a type I transmembrane protein, belonging to the CD2 subfamily of the immunoglobulin superfamily. This encoded protein is expressed on Natural killer (NK), T, and B lymphocytes. 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 functions as a coreceptor in the process of NK cell activation. It can also mediate inhibitory signals in NK cells from X-linked lymphoproliferative patients. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

**Alternative Names**

KALI; NTBA; CD352; KAL1b; Ly108; NTB-A; SF2000; SLAM family member 6; NK-T-B-antigen; NTBA receptor; activating NK receptor; natural killer-, T- and B-cell antigen

**Gene ID**

[114836](#)

**UniProt ID**

[Q96DU3](#)