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## Product Data Sheet

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Product Name: SLAMF6 Human, sf9  
 Cat. No.: GP24604  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Baculovirus sf9 cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD352; KALI; KAL1b; Ly108; NTB-A; NTBA; Activating NK receptor; SLAM family member 6.		
Amino Acid Sequence	ADPQSSLTPL MVNGILGESV TLPLEFPAGE KVNFIWLFN ETSLAFIVPH ETKSPEIHVT NPKQGKRLNF TQSYSLQLSN LKMEDTGSYR AQISTKTSKAK LSSYTLRILR QLRNIQVTNH SQLFQNMTC E LHLTCSVEDA DDNVSFRWEA LGNTLSSQPN LTVSWDPRIS SEQDYTCIAE NAVSNLSFSV SAQKLCEDVK IQYTDTKMHH HHHH.		
Formulation	The SLAMF6 protein solution (0.5mg/ml) contains 1xPBS (pH 7.4) and 10% glycerol.		

### 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.

### 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.

### Background

SLAMF6 Human Recombinant produced in Insect cells is a single, glycosylated polypeptide chain containing 214 amino acids (22-226) and having a molecular mass of 24.1kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). SLAMF6 is

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fused to 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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