

Rev02
 Update: Aug,08,2025
DATASHEET

SLAMF6/NTB-A hFc Chimera, Human

Cat. No.: Z05845

Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; margin-right: 10px;"> SLAMF6/NTB-A (Gln22-Met226)_x000D_ Accession # Q96DU3-1 </div> <div style="background-color: #76b82a; color: white; padding: 5px; margin-left: 10px;">hFc</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized SLAMF6/NTB-A hFc Chimera, Human at 1µg/ml (100µl/well) on the plate can bind Biotinylated AntiSLAMF6 Antibody, hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	49.8 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 60-75 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : SLAMF6 (signaling lymphocyte activation molecule 6) (Ly108 in mice, NTB-A or SF2000 in humans) is a homophilic receptor belonging to the superfamily immunoglobulin (Ig) domain-containing molecules. It is known to be widely and exclusively expressed on hematopoietic cells. The SLAMF6 intracellular portion is characterized by two ITSMs that act as binding sites for adaptor molecules such as SAP and EAT-2.

Synonyms : ANK-T-B-antigen; NTB-A; CD352; SLAMF6; KALI; Ly108; NK-T-B-antigen; KAL1b; SF2000

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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