

Datasheet for ABIN1097547
SLAMF1 Protein (AA 21-237) (His tag)



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Overview

Quantity:	50 µg
Target:	SLAMF1
Protein Characteristics:	AA 21-237
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLAMF1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Signaling Lymphocytic Activation Molecule/SLAM/CD150 (C-6His)
Sequence:	ASYGTGGRMM NCPKILRLG SKVLLPLTYE RINKSMNKSI HIVVTMAKSL ENSVENKIVS LDPSEAGPPR YLGDRYKFYL ENLTGIREs RKEDEGWYLM TLEKNVSVQR FCLQLRLYEQ VSTPEIKVLN KTQENGCTCL ILGCTVEKGD HVAYSWSEKA GTHPLNPANS SHLLSLTLGP QHADNIYICT VSNPISNNSQ TFSPWPGCRT DPSETKPVDH HHHHH
Characteristics:	Recombinant Human Signaling Lymphocytic Activation Molecule/SLAM is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (A21-P237) of Human SLAMF1 fused with a polyhistidine tag at the C terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	SLAMF1
Alternative Name:	cd150 (SLAMF1 Products)
Sub Type:	Fusionprotein
Background:	<p>SLAM-induced signal-transduction events in T-lymphocytes are different from those in B-cells. Two modes of SLAM signaling are likely to exist: one in which the inhibitor SH2D1A acts as a negative regulator and another in which protein-tyrosine phosphatase 2C (PTPN11)-dependent signal transduction operates.</p> <p>Alternative Names: Signaling Lymphocytic Activation Molecule, CDw150, IPO-3, CD150, SLAMF1, SLAM</p>
Molecular Weight:	25.33 kDa
UniProt:	Q13291

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months