9051 Mira Mesa Blvd, #910094
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SLAMF1 Human

SLAMF1 Human Recombinant
RCP2117

Product Overview

Name	SLAMF1 Human
Description	
SLAMF1 Human Recombinant	
Accession (Primary)	Q13291
Synonyms	
Signaling lymphocytic activation molecule, CDw150, IPO-3, CD150, SLAMF1, SLAM.	
Introduction	
SLAMF1 is a member of the immunoglobulin gene superfamily and is involved in T-cell stimulation. The SLAMF1 protein is constitutively expressed on peripheral blood memory T cells, T-cell clones, immature thymocytes, and a fraction of B cells, and is swiftly induced on naive T cells after activation. There are probably 2 modes of SLAM signaling: one in which the inhibitor SH2D1A serves as a negative regulator and another in which protein-tyrosine phosphatase 2C (PTPN11)-dependent signal transduction functions.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SLAMF1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M 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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS ASYGTGG RMMNCPKILR QLGSKVLLPL TYERINKSMN KSIHIVVTMA KSLENSVENK IVSLDPSEAG PPRYLGDRYK FYLENLTLGI RESRKEDEGW YLMTLEKNVS VQRFCLQLRL YEQVSTPEIK VLNKTQENGT CTLILGCTVE KGDHVAYSWS EKAGTHPLNP ANSSHLLSLT LGPQHADNIY ICTVSNPISN NSQTFSPWPG CRTDPSETKP.	

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Precautions

SLAMF1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13291)