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32-13431: SLAMF1 Human, Sf9

Alternative Name : Signaling lymphocytic activation molecule, CDw150, IPO-3, CD150, SLAMF1, SLAM.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
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.
SLAMF1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 226 amino acids (21-237a.a.) and having a molecular mass of 25.3kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).SLAMF1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	SLAMF1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPASYGTGG RMMNCPKILR QLGSKVLLPL TYERINKSMN KSIHIVVTMA KSLENSVENK IVSLDPSEAG PPRYLGDRYK FYLENLTLGI RESRKEDEGW YLMTLEKNVS VQRFCLQLRL YEQVSTPEIK VLNKTQENGT CTLILGCTVE KGDHVAYSWS EKAGTHPLNP ANSSHLLSLTLGPQHADNIY ICTVSNPISN NSQTFSPWPG CRTDPSETKP HHHHHH.