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32-13434: SLAMF7 Human

Alternative Name :	SLAMF7, SLAM Family Member 7, CD2-Like Receptor-Activating Cytotoxic Cells, Membrane Protein FOAP-12, CD2 Subset 1, Protein 19A, CRACC, CS1, Novel LY9 (Lymphocyte Antigen 9) Like Protein, CD2-Like Receptor Activating Cytotoxic Cells, 19A24 Protein, CD319 Antigen, Novel Ly9, CD319, 19A.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
SLAMF7 belongs to the CS2 family of cell surface receptors. SLAMF7 is a single-pass type 1 membrane protein, SLAMF7 Isoform 1 mediates NK cell activation via a SH2D1A-independent extracellular signal-regulated ERK-mediated pathway. SLAMF7 functions in lymphocyte adhesion. Furthermore, SLAMF7 can exert activating of inhibitory influences on cells of the immune system depending on cellular context as well as the availability of effector proteins.
SLAMF7 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 212 amino acids (23-226a.a.) and having a molecular mass of 23.4kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). SLAMF7 is expressed with an 8 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 :	SLAMF7 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 :	SGPVKELVGS VGGAVTFPLK SKVKQVDSIV WTFNTTPLVT IQPEGGTIIV TQNRNRERVD FPDGGYSLKL SKLKKNDSGI YYVGIYSSSL QQPSTQEYVL HVYEHLSKPK VTMGLQSNKN GTCVTNLTCC MEHGEEDVIY TWKALGQAAN ESHNGSILPI SWRWGESDMT FICVARNPVS RNFSSPILAR KLCEGAADDP DSSMLEHHHH HH.

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