

Active Recombinant Human SLAMF1, Fc-tagged, Biotinylated

Cat. No. SLAMF1-678H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human SLAMF1-Fc fusion protein is expressed as a 445-amino acid protein consisting of Ala21 - Pro237 region of SLAMF1 (UniProt accession #Q13291) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	21-237 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Co-stimulates IL-4 secretion by T cells in the presence of anti-CD3e antibody
Molecular Mass	Calculated molecular mass (kDa): 49.9; Estimated by SDS-PAGE under reducing condition (kDa): 65-75
AA Sequence	ASYGTGGRMMNCPKILRQLGSKVLLPLTYERINKSMNKSIHIVVTMAKSLENSVENKI VSLDPSEAGPPRYLGDR YKFYLENLTLGIRESRKEDEGWYLMLEKNVSVQRFLQ LRLYEQVSTPEIKVLNKTQENGCTCTLILGCTVEKG DHVAYSWSEKAGTHPLNPANSS HLLSLTLGPQHADNIYICTVSNPISNNSQTFSPWPGCRTDPSETKPSTGTHT CPPCP APELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHN AKTKPREEQYNST YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ

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	PREPQVYTLPPSREEMTKNQVSLTCLVKGFY PSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK
Endotoxin	<0.1 eu="" per="" 1="" μg="" of="" purified="" recombinant="" protein="" determined="" by="" the="" lal="">
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.
Conjugation	Biotin

GENE INFORMATION

Gene Name	SLAMF1 signaling lymphocytic activation molecule family member 1 [Homo sapiens]
Official Symbol	SLAMF1
Synonyms	SLAMF1; signaling lymphocytic activation molecule family member 1; signaling lymphocytic activation molecule , SLAM; signaling lymphocytic activation molecule; CD150; IPO-3; SLAM; CDw150;
Gene ID	6504
mRNA Refseq	NM_003037
Protein Refseq	NP_003028

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MIM	603492
UniProt ID	Q13291
Chromosome Location	1q23.3
Pathway	Measles, organism-specific biosystem; Measles, conserved biosystem;
Function	antigen binding; receptor activity; transmembrane signaling receptor activity;

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