Active Recombinant Human SLAMF7, Fc-tagged, Biotinylated

Cat. No. SLAMF7-688H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human SLAMF7-Fc fusion protein is expressed as a 432-amino acid protein consisting of Ser23 - Met2250 region of SLAMF7 (UniProt accession #Q9NQ25) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	23-2250 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	Immobilized SLAMF7 interacts homophilically with SLAMF7 in a functional ELISA
Molecular Mass	Calculated molecular mass (kDa): 48.0; Estimated by SDS-PAGE under reducing condition (kDa): 60-70
AA Sequence	SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRER VDFPDGGYSLKLSKLKK NDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGL QSNKNGTCVTNLTCCMEHGEEDVIYTWKALGQAA NESHNGSILPISWRWGESDMT FICVARNPVSRNFSSPILARKLCEGAADDPDSSMSTGTHTCPPCPAPELLGGP SVFL FPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS TYRVVSVLTVLHQD WLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR

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	EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQ PENNYKTTPPVLDSDGSFFLYSKLT VDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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	SLAMF7 SLAM family member 7 [Homo sapiens]
Official Symbol	SLAMF7
Synonyms	SLAMF7; SLAM family member 7; 19A; CD319; CRACC; CS1; protein 19A; CD2 subset 1; 19A24 protein; membrane protein FOAP-12; CD2-like receptor activating cytotoxic cells; CD2-like receptor-activating cytotoxic cells; novel LY9 (lymphocyte antigen 9) like protein;
Gene ID	57823
mRNA Refseq	NM_021181

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Protein Refseq	NP_067004
MIM	606625
UniProt ID	Q9NQ25
Chromosome Location	1q23.1-q24.1
Function	receptor activity;

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