

Active Recombinant Human SLAMF9, Fc-tagged, Biotinylated

Cat. No. SLAMF9-691H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human SLAMF9-Fc fusion protein is expressed as a 445-amino acid protein consisting of Arg19 - Phe234 region of SLAMF9 (UniProt accession #Q96A28) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	19-234 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 SLAMF9 interacts homophilically with SLAMF9 in a functional ELISA and inhibits anti--CD3e antibody induced IL-2 secretion by human T cells
Molecular Mass	Calculated molecular mass (kDa): 49.6; Estimated by SDS-PAGE under reducing condition (kDa): 65-75
AA Sequence	RRLWRWCGSEEVVAVLQESISLPLEIPPDEEVENIIWSSHKSLATVVPGKEGHPATIM VTNPHYQGQVSLDPS YSLHISNLSWEDSGLYQAQVNLRTSQISTMQQYNLCVYR WLSEPQITVNFESSGEGACSMVLCSVEKAGMDMT YSWLSRGDSTYTFHEGPVLS TSWRPGDSALS YTCRANNPISNVSSCPIPDGPFYADPNYASEKPSTAFGSTGTH TC PPCPAPELLGGPSVFLFPKPKDLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV

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EVHNAKTKPREEQYNS TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKA
KGQPREPQVYTLPPSREEMTKNQVSLTCLVKGF YPSDIAVEWESNGQPENNYKTT
PPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPG K

Endotoxin

<0.1 eu="" per="" 1="" μg="" of="" purified="" recombinant="" protein=""
determined="" by="" the="" la="">

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

SLAMF9 SLAM family member 9 [Homo sapiens]

Official Symbol

SLAMF9

Synonyms

CD2F10; CD84H1; SF2001; CD2F-10; CD84-H1

Gene ID

89886

mRNA Refseq

NM_033438.3

Protein Refseq

NP_254273.2

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MIM	608589
UniProt ID	Q96A28
Chromosome Location	1q23.2
Function	receptor activity;

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