

Active Recombinant Human SLAMF8, Fc-tagged, Biotinylated

Cat. No. SLAMF8-689H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | The recombinant human SLAMF8-Fc fusion protein is expressed as a 440-amino acid protein consisting of Ala23 - Val234 region of SLAMF8 (UniProt accession #Q9P0V8) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions. |
| Species | Human |
| Source | Human Cells |
| ProteinLength | 23-234 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 SLAMF8 interacts homophilically with SLAMF8 in a functional ELISA |
| Molecular Mass | Calculated molecular mass (kDa): 49.1; Estimated by SDS-PAGE under reducing condition (kDa): 65-75 |
| AA Sequence | AQVLSKVGGSVLLVAARPPGFQVREAIWRSLWPSEELLATFFRGSLETLYHSRFLGR AQLHSNLSLELGPESG DSGNFSVLMVDTRGQPWTQTLQLKVYDAVPRPVVQVFIA VERDAQPSKTCQVFLSCWAPNISEITYSWRRETTM DFGMEPHSLFTDGGQVLSISLG PGDRDVAYSCIVSNPVSVDLATVTPWDSCHHEAAPGKASYKDVSTGTHTCPPC PA PELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA KTKPREEQYNSTYRVV SVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP |

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REPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI AVEWESNGQPENNYKTTPPVLD
SDGSFFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPGK

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

SLAMF8 SLAM family member 8 [Homo sapiens]

Official Symbol

SLAMF8

Synonyms

SLAMF8; SLAM family member 8; BLAME; CD353; SBBI42; BCM-like membrane protein; B lymphocyte activator macrophage expressed; B-lymphocyte activator macrophage expressed; FLJ20442; MGC129578;

Gene ID

56833

mRNA Refseq

NM_020125

Protein Refseq

NP_064510

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|----------------------------|--------------------|
| MIM | 606620 |
| UniProt ID | Q9P0V8 |
| Chromosome Location | 1q23.1 |
| Function | receptor activity; |

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