

Active Recombinant Human SLAMF8, Fc-tagged

Cat. No. SLAMF8-690H Lot. No. (See product label)

SPECIFICATION

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).

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

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AQVLSKVGGSVLLVAARPPGFQVREAIWRSLWPSEELLATFFRGSLETLYHSRFLGR
AQLHSNLSLELGPESG DSGNFSVLMVDTRGQPWTQTLQLKVYDAVPRPVVQVFIA
VERDAQPSKTCQVFLSCWAPNISEITYSWRRETTM DFGMEPHSLFTDGGVLSISLG
PGDRDVAYSCIVSNPVSVDLATVTPWDSCHHEAAPGKASYKDVSTGHTC PPC PA
PELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNA
KTKPREEQYNSTYRVV SVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP
REPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI AVEWESNGQPENNYKTTTPVLD
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SDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

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.

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

MIM

606620

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UniProt ID	Q9P0V8
Chromosome Location	1q23.1
Function	receptor activity;

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