

Active Recombinant Human SLAMF7 protein, His-tagged

Cat. No. SLAMF7-3355H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLAMF7 protein(Ser 23 - Met 226), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser 23 - Met 226
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human SLAMF7, His Tag at 1 µg/mL (100 µL/well) can bind Anti-SLAMF7/CS1 Antibody, Human IgG1 with a linear range of 0.2-2 ng/mL. Immobilized Human SLAMF7, His Tag at 2 µg/mL (100 µL/well) can bind Humanized Anti-Human CS1 MAb with a linear range of 0.3-10 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 23.2 kDa. The protein migrates as 34-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-HPLC.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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
Protein Refseq	NP_067004
MIM	606625
UniProt ID	Q9NQ25

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