

# Recombinant Human SLAMF7 protein, His-tagged

**Cat. No.** SLAMF7-3633H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLAMF7 protein(23-227 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 23-227 aa                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRER<br>VDFPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGL<br>QSNKNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMT<br>FICVARNPVSRNFSSPILARKLCEGAADDPDSSMV                                                           |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b> | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage. |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SLAMF7 SLAM family member 7 [ Homo sapiens ]                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | SLAMF7                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 57823                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_021181                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_067004                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 606625                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | Q9NQ25                                                                                                                                                                                                                                                               |

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