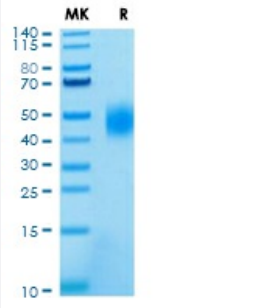
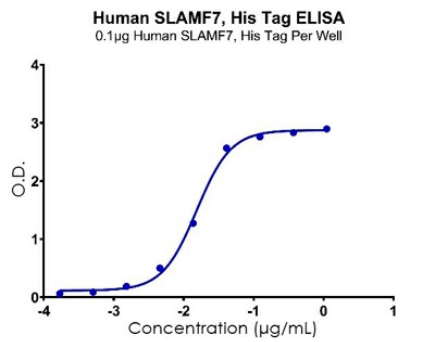
Bioactive HuPro®

# SLAMF7 (Human) Recombinant Protein

Catalog # P7657 Size 100 ug

## Applications




### Result of bioactivity analysis

Result of bioactivity analysis

## Specification

| | |
|---|---|
| **Product Description** | Human SLAMF7 (Q9NQ25, 23 a.a. - 226 a.a.) partial recombinant protein with His-Avi tag at C-terminus expressed in Expi293 cells. |
| **Sequence** | SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVDFPDGGY SLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCME HGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRNFSSPILARKLCEGAA DDPDSSM |
| **Host** | Mammals |
| **Theoretical MW (kDa)** | 40-50 |
| **Form** | Lyophilized |

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| | |
|---|---|
| **Preparation Method** | Mammalian cell (Expi293) expression system |
| **Purity** | > 95% by SDS-PAGE |
| **Endotoxin Level** | < 1 EU per 1 ug of protein (determined by LAL method) |
| **Activity** | Immobilized SLAMF7, His & Avi Tag at 1.0 ug/mL (100 uL/Well). Dose response curve for Elotuzum ab with the $EC_{50}$ of 42.6 ng/mL determined by ELISA. |
| **Quality Control Testing** | SDS-PAGE under reducing condition |
| **Storage Buffer** | Lyophilized from sterile distilled Water up to 100 ug/mL |
| **Storage Instruction** | Store at -80°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | Result of bioactivity analysis<br>Result of bioactivity analysis |

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — SLAMF7

| | |
|---|---|
| **Entrez GeneID** | 57823 |
| **Protein Accession#** | Q9NQ25 |
| **Gene Name** | SLAMF7 |
| **Gene Alias** | 19A, CD319, CRACC, CS1 |
| **Gene Description** | SLAM family member 7 |
| **Omim ID** | 606625 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | 19A24 protein\|CD2-like receptor activating cytotoxic cells\|OTTHUMP00000025677\|novel LY9 (lymphocyte antigen 9) like protein |

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## Disease

- Genetic Predisposition to Disease
- Lupus Erythematosus

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