

## CS1 protein

Human CS1 Protein, hFc-His Tag

CATALOG #  
**AAA268929**

HOST  
**HEK293 cells**

### PRODUCT SYNONYMS

CS1; Human CS1 Protein; hFc-His Tag; SLAMF7; CD319; CRACC; 19A; FOAP-12; CS1 protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                    |
| Purity/Purification     | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.            |
| Form/Format             | Lyophilized from sterile PBS, pH 7.4. Normally 5 %-9 % trehalose is added as protectants before lyophilization. |
| Sequence Positions      | CS1 (Ser23-Met226)+hFc (Glu99-Ala330)                                                                           |
| Species                 | Human                                                                                                           |
| Vector and Tag          | C-Human Fc and 6xHis tag                                                                                        |
| Preparation and Storage | Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)                                       |

### IMAGES

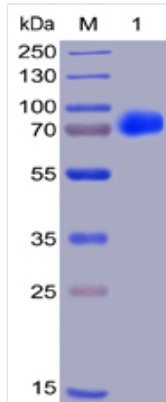

**SDS-PAGE**

Figure 1. Human CS1, hFc-His Tag on SDS-PAGE under reducing condition.

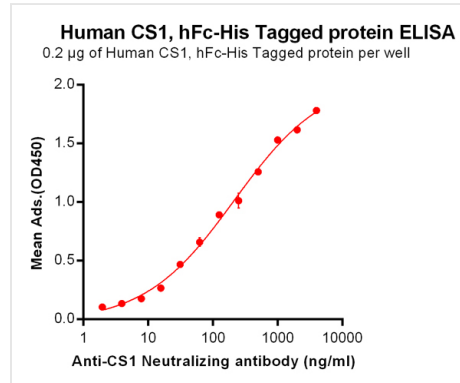

**ELISA**

Figure 2. ELISA plate pre-coated by 2ug/ml (100ul/well) Human CS1, hFc-His tagged protein (PME100002) can bind Anti-CS1 Neutralizing antibody in a linear range of 7.81-210.7ng/ml.

### ADDITIONAL INFORMATION

#### Related Product Information for CS1 protein

SLAM family member 7 (SLAMF7) is also known as CD2-like receptor-activating cytotoxic cells (CRACC), Membrane protein FOAP-12, CD antigen CD319, Novel Ly9, Protein 19A, which is a single-pass type I membrane protein and a member of the CD2 family of cell surface receptors. SLAMF7 is expressed in spleen, lymph node, peripheral blood leukocytes, bone marrow, small intestine, stomach, appendix, lung and trachea. Isoform 1 of SLAMF7 mediates NK cell activation through a SH2D1A-independent extracellular signal-regulated ERK-mediated pathway. May play a role in lymphocyte adhesion. Isoform 3 of SLAMF7 does not mediate any NK cell activation.

NCBI AND UNIPROT INFORMATION

|                  |                                                                                          |
|------------------|------------------------------------------------------------------------------------------|
| Molecular Weight | The protein has a predicted molecular mass of 70kDa after removal of the signal peptide. |
|------------------|------------------------------------------------------------------------------------------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hek293-protein/cs1/268929>