

Human CellExp CD319 / SLAMF7 / CRACC, human recombinant protein
SLAMF7, CD319, CS1, CRACC, 19A, FOAP-12
Catalog # PBV10999r**Specification**

Human CellExp CD319 / SLAMF7 / CRACC, human recombinant protein - Product infoPrimary Accession
Calculated MW[O9NQ25](#)

This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 23.2 kDa. The predicted N-terminus is Ser 23. DTT-reduced Protein migrates as 33-48 kDa due to glycosylation. KDa

Human CellExp CD319 / SLAMF7 / CRACC, human recombinant protein - Additional InfoGene ID **57823**
Gene Symbol **SLAMF7****Other Names**

SLAMF7, CD319, CS1, CRACC, 19A, FOAP-12

Gene Source	Human
Source	HEK293 cells
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	Measured by its ability to bind biotinylated human SLAMF7 in a functional ELISA.

Target/Specificity
CD319/SLAMF7/CRACC**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format

Lyophilized

Storage

-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.

Human CellExp CD319 / SLAMF7 / CRACC, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp CD319 / SLAMF7 / CRACC, human recombinant protein - Images

Human CellExp CD319 / SLAMF7 / CRACC, human recombinant protein - Background

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.

Human CellExp CD319 / SLAMF7 / CRACC, human recombinant protein - References

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Bouchon A., et al. J. Immunol. 167:5517-5521(2001).
Murphy J.J., et al. Biochem. J. 361:431-436(2002).
Fujii Y., et al. Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.
Clark H.F., et al. Genome Res. 13:2265-2270(2003).