

Recombinant Mouse CD319 Protein

Catalog #	Source	Reactivity	Applications
CRP2907	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CD319 Protein is produced by mammalian expression system and the target gene encoding Gln22-Lys225 is expressed with a Fc tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	SLAMF7		
Alternative Names	CS1; SLAM family member 7; CD2 subset 1; CD2-like receptor-activating cytotoxic cells; CRACC; Membrane protein FOAP-12; Novel Ly9; Protein 19A; CD319		
Entrez Gene	75345 (Mouse)		
SwissProt	Q8BHK6 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	SGTLLKVVAGA LDGSVTFTLN ITEIKVDYVV WTFNTFFLAM VKKDGVTSSQS SNKERIVFPD GLYSMKLSQL KKND SGAYRA EIYSTSSQAS LIQEYVLHVY KHL SRPKVTI DRQSNKNGTC VINLTCSTDQ DGENVTYSWK AVGGQDNQFH DGATLSIAWR SGEKDQALTC MARNPVNSNF STPVFPQKLC EDAATDLTSL RGH HHH HHH SH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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