

Recombinant Human CRTAM Protein

Catalog #	Source	Reactivity	Applications
CRP1351	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CRTAM Protein is produced by our mammalian expression system and the target gene encoding Ser18-Ser286 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Gene Symbol CRTAM

Alternative Names Cytotoxic and regulatory T-cell molecule; Class-I MHC-restricted T-cell-associated molecule; CD355

Entrez Gene 56253 (Human)

SwissProt O95727 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure SLTNHTETIT VEEGQTLTK CVTSLRKNSS LQWLTPSGFT IFLNEYPVLK NSKYQLLHHS
ANQLSITVPN VTLQDEGVYK CLHYSDSVST KEVKVIVLAT PFKPILEASV IRKQNGEEHV
VLMCSTMRSK PPPQITWLLG NSMEVSGGTL HEFETDGKKC NTTSTLIHT YGKNSTVDCI
IRHRGLQGRK LVAPFRFEDL VTDEETASDA LERNLSLSSQD PQQPTSTVSV TEDSSTSEID
KEEKEQTTQD PDLTTEANPQ YLGLARKKSV DHHHHHH

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 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature

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

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

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

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