Recombinant Cynomolgus monkey CRTAM Protein, Fc-tagged

Cat. No. CRTAM-775C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey CRTAM protein with Fc tag was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	393
Description	The CRTAM gene is upregulated in CD4 (see MIM 186940)-positive and CD8 (see CD8A; MIM 186910)-positive T cells and encodes a type I transmembrane protein with V and C1-like Ig domains (Yeh et al., 2008 [PubMed 18329370]).
Form	Lyophilized
Molecular Mass	56.6 kDa
AA Sequence	MWWGVFSLLAWFPLQEASLTNHTETITVEEGQTLTLKCVTSLRKSSSLQWLTPSGF TIFLNEYPAFKNSRYQLLHHSANQLSISVSNITLQDEGVYKCLHYSDSVSTKEVKVIVL ATPFKPILEASVIRKQNGEEHVVLMCSAMRSKPPPQITWLLGNGVEVSGGTHHEFET DGKKCNTTSTLIIHTYGKNSTVDCIIRHRGLQGRKLVAPFRFEDLVTDEETASDALER NSVSSQDPQQPTSTVSVMEDSSTLEIDKEEKEQTTQDPDLTTKANPQYLGLARKKS GILLLTLVSFLIFILFIIVQLFIMKLRKAHVIWKKENEVSEHTLESYRSRSNNEETSSQEK NGQSSHPVRCMNYITKLYSEAKTKRKENVQHSKLNEKHTQVPETIV

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 μg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CRTAM cytotoxic and regulatory T cell molecule [Macaca mulatta (Rhesus monkey)]
Official Symbol	CRTAM
Synonyms	CRTAM; cytotoxic and regulatory T cell molecule; cytotoxic and regulatory T-cell molecule;
Gene ID	707560
mRNA Refseq	XM_028834094

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Protein Refseq	XP_028689927

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