9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 32-9386: Recombinant Cynomolgus Cytotoxic and regulatory T-cell molecule/CRTAM(C-Fc)

**Alternative Name :** Cytotoxic and Regulatory T-Cell Molecule; Class-I MHC-Restricted T-Cell-Associated Molecule; CD355; CRTAM

## Description

Source : Human Cells;
Cytotoxic and Regulatory T-Cell Molecule (CRTAM) is a member of Nectin family under the immunoglobulin superfamily that is expressed by activated CD8+ and NK T cells. CRTAM is found in spleen, thymus, small intestine, peripheral blood, and it is highly expressed by Purkinje cells of the cerebellum. CRTAM is a type I transmembrane glycoprotein containing one Ig-like C2-type domain and one Ig-like V-type domain in its extracellular domain, while its cytoplasmic region shows a potential class I PDZ domain. CRTAM is expressed as a homodimer on the cell surface but does not show homotypic binding in trans. The high affinity of CRTAM/IGSF4 adhesion allows CRTAM to disrupt IGSF4 homotypic interactions. IGSF4 and T cell receptor coengagement of CD8+ cells expressiong CRTAM induces increased IFNgamma or IL-22 production.

## Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 50 mM Tris, 100 mM Glycine, pH7.5.

**Amino Acid :** Recombinant Macaca fascicularis Cytotoxic and regulatory T-cell molecule is produced by our Mammalian expression system and the target gene encoding Ser18-Gly287 is expressed with a Fc tag at the C-terminus.