

[Go to Product page](#)

Datasheet for ABIN5608367

CRTAM Protein (partial) (Fc Tag)

Overview

Quantity:	100 µg
Target:	CRTAM
Protein Characteristics:	partial
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRTAM protein is labelled with Fc Tag.
Application:	Western Blotting (WB)

Product Details

Sequence:	Ser 18 - Gly 287
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug by the LAL method.

Target Details

Target:	CRTAM
Alternative Name:	CRTAM (CRTAM Products)
Background:	Class I-restricted T cell-associated molecule (CRTAM), a member of nectin family and the immunoglobulin superfamily, is also known as cytotoxic and regulatory T-cell molecule, which is expressed by activated CD8+ and NK T cells. CRTAM is found in spleen, thymus, small intestine, peripheral blood, and surprisingly, in brain where it is highly expressed by Purkinje

Target Details

cells of the cerebellum. The high affinity of CRTAM/IGSF4 adhesion allows CRTAM to disrupt IGSF4 homotypic interactions (3 - 5). IGSF4 and T cell receptor co-engagement of CRTAM-expressing CD8+ cells induces increased IFN-gamma or IL-22 production (3, 4). Furthermore, a role in cancer surveillance through NK cell-mediated rejection of IGSF4-expressing tumors has been proposed.

Molecular Weight:	56.6 kDa
Gene ID:	102125896
NCBI Accession:	XP_005580021
UniProt:	G7PPC7
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Application Notes:	This recombinant protein can be used for WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C, -80 °C
Storage Comment:	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.