

RPES8279

Product Information

Product SKU:	RPES8279	Expression Host:	Mammalian	Size:	20µg
Tag:	C-His	Reactivity:	Human	Accession:	O95727

Additional Information

Calculated MW:	29.5 kDa	Observed MW:	55-65 kDa
Sequence:	Ser18-Gly287		

Protein Information

Background:	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. Interaction with CADM1 promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8+ cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo.
Synonyms:	CD355, Class I MHC restricted T cell associated molecule, Class-I MHC-restricted T-cell-associated molecule, CRTAM, CRTAM, Cytotoxic and regulatory T cell molecule, Cytotoxic and regulatory T-cell molecule
Endotoxin:	< 1.0 EU/mg of the protein as determined by the LAL method
Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Purity:	> 90% as determined by reducing SDS-PAGE.
Bio-Activity:	Not validated for activity
Storage:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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