

Active Recombinant Human CRTAM protein, His-tagged

Cat. No. CRTAM-2184H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRTAM protein(NP_062550.2)(Met1-Ser286), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser286
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CADM1 at 2 µg/ml (100 µl/well) can bind biotinylated human CRTAM with a linear range of 12.5-400 ng/ml.
Molecular Mass	The recombinant human CRTAM consists of 280 amino acids and predicts a molecular mass of 31.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCRTAM is approximately 50-60 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 94 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CRTAM cytotoxic and regulatory T cell molecule [Homo sapiens]

Official Symbol CRTAM

Synonyms CRTAM; cytotoxic and regulatory T cell molecule; cytotoxic and regulatory T-cell molecule; CD355; class I MHC restricted T cell associated molecule; class-I MHC-restricted T cell associated molecule; class-I MHC-restricted T-cell-associated molecule;

Gene ID 56253

mRNA Refseq NM_019604

Protein Refseq NP_062550

MIM 612597

UniProt ID O95727

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