

Recombinant Human CRTAM/CD355 (A65V) Protein

Catalog No.: RP02670

Sequence Information

Species **Gene ID**
Human 56253

Swiss Prot **Tags**
O95727-1 C-His

Synonyms

CD355 antigen; CD355; CRTAM

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
30.77 kDa 45-65 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL method

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Class-I Restricted T Cell-Associated Molecule (CRTAM) is a protein that is expressed after T cell activation. The interaction of CRTAM with its ligand, nectin-like 2 (Nectin2), is required for the efficient production of IL-17, IL-22, and IFN γ by murine CD4 T cells, and it plays a role in optimal CD8 T and NK cell cytotoxicity. CRTAM promotes the pro-inflammatory cytokine profile; therefore, it may take part in the immunopathology of autoimmune diseases such as diabetes type 1 or colitis.

Basic Information

Description

Recombinant Human CRTAM Protein is expressed from HEK293 cells with a His tag at the C-terminal.; It contains Ser18-Gly287.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

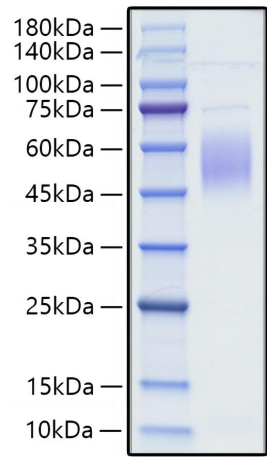
Contact

 | 400-999-6126

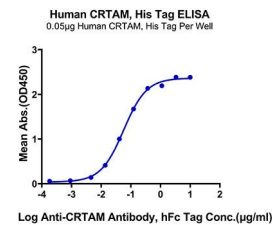
 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Validation Data



Recombinant Human CRTAM/CD355 (A65V) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human CRTAM, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CRTAM Antibody, hFc Tag with the EC₅₀ of 57.3ng/ml determined by ELISA.