

HUMAN CRTAM PROTEIN, HIS TAG

Cat.#: 11402

Product Name: Human CRTAM Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CD355

Target: CRTAM

UNIPROT ID: O95727

Description: Recombinant human CRTAM protein with C-terminal 6xHis tag

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 (Yeh et al., 2008 [PubMed 18329370]). [supplied by OMIM, Feb 2009]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 30.8 kDa after removal of the signal peptide. The apparent molecular mass of CRTAM-His is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: CRTAM(Ser18-Gly287) 6×His tag

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

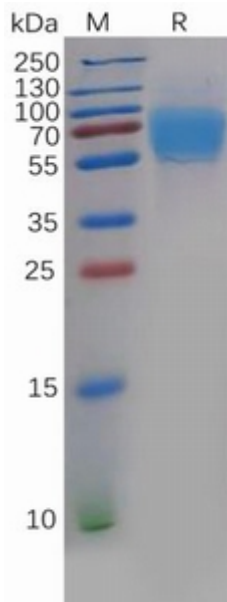


Figure 1. Human CRTAM Protein, His Tag on SDS-PAGE under reducing condition.