## PRODUCT INFORMATION

| Target | CRTAM |
| :---: | :---: |
| Synonyms | CD355 |
| Description | Recombinant Cynomolgus CRTAM protein with Cterminal $10 \times$ His tag |
| Delivery | In Stock |
| Uniprot ID | XP_005580021.2 |
| Expression Host | HEK293 |
| Tag | C-10×His tag |
| Molecular Characterization | CRTAM(Ser18-Gly287) $10 \times$ His tag |
| Molecular Weight | The protein has a predicted molecular mass of 31.4 kDa after removal of the signal peptide. The apparent molecular mass of cCRTAM-His is approximately 35-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than $85 \%$ as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation \& Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 \% $-8 \%$ trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
|  | Store at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$ for 12 months in lyophilized form. After reconstitution, if not |
| Storage \& Shipping | intended for use within a month, aliquot and store at $-80^{\circ} \mathrm{C}$ (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
|  | The CRTAM gene is upregulated in CD4 (see MIM 186940)-positive and CD8 (see CD8A; MIM |
| Background | 186910)-positive T cells and encodes a type I transmembrane protein with V and C 1 -like Ig domains (Yeh et al., 2008 [PubMed 18329370]).[supplied by OMIM, Feb 2009] |
| Usage | Research use only |


| kDa M R |  |
| ---: | :--- | ---: |
| 250 |  |
| 130 |  |
| 100 |  |
| 70 |  |
| 55 |  |
|  |  |
| 35 |  |
| 25 |  |
|  |  |

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

