

PRODUCT INFORMATION

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| Target | CRTH2 |
| Synonyms | DP2; DL1R; CD294; CRTH2; GPR44 |
| Description | Recombinant human CRTH2 Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9Y5Y4 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | CRTH2(Met1-His33) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 29.9 kDa after removal of the signal peptide. The apparent molecular mass of CRTH2-hFc is approximately 35-55 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% 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. |
| 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. |
| Background | This gene encodes a G-protein-coupled receptor that is preferentially expressed in CD4+ effector T helper 2 (Th2) cells. This protein is a prostaglandin D2 receptor that mediates the pro-inflammatory chemotaxis of eosinophils, basophils, and Th2 lymphocytes generated during allergic inflammation. Single nucleotide polymorphisms in the 3' UTR of this gene have been associated with asthma susceptibility.[provided by RefSeq, Mar 2011] |
| Usage | Research use only |
| Conjugate | Unconjugated |



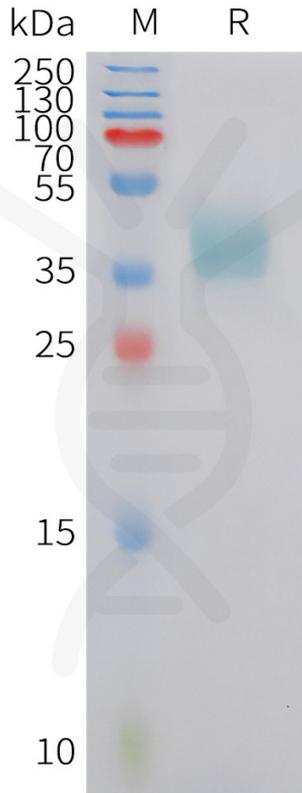


Figure 1. Human CRTH2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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