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## 32-18407: Human CRTH2 Protein, hFc Tag

**Uniprot ID:** O9Y5Y4

Alternative Name: DP2; DL1R; CD294; CRTH2; GPR44

## **Description**

Description: Recombinant human CRTH2 Protein with C-terminal human Fc tag

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 RefSeg, Mar 2011]

Description: Recombinant human CRTH2 Protein with C-terminal 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.

Tag: C-Human Fc tag

## **Product Info**

Amount: 50 μg / 100 μg

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

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Content:

lyophilization.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended Storage condition :

for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

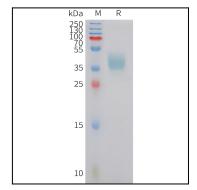


Figure 1. Human CRTH2 Protein, hFc Tag on SDS-PAGE under reducing condition.