

32-18407: Human CRTH2 Protein, hFc Tag

Uniprot ID : Q9Y5Y4

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 RefSeq, 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

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

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

Storage condition : 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.

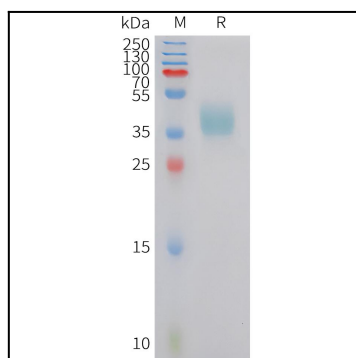


Figure 1. Human CRTH2 Protein, hFc Tag on SDS-PAGE under reducing condition.