PRODUCT INFORMATION

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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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

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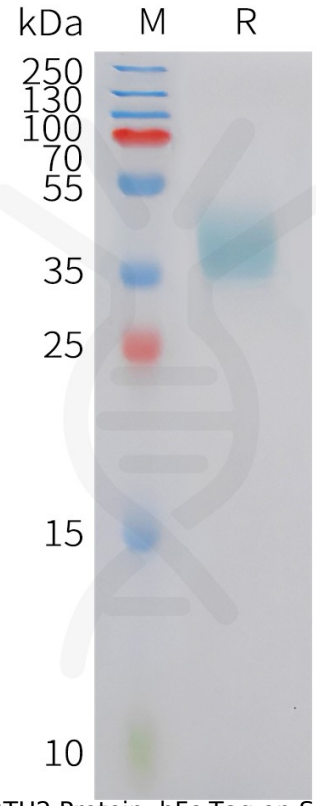

Figure 1. Human CRTH2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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