

Recombinant Human PTGDR2 Protein, His-tagged, OVA Conjugated

Cat. No. PTGDR2-2812H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Human PTGDR2 Protein (Asp329-Ala348) fused with a N-His tag.
Species	Human
Source	Protein Conjugation
ProteinLength	Asp329-Ala348
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 2 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

Conjugation

OVA

GENE INFORMATION

Gene Name

PTGDR2 prostaglandin D2 receptor 2 [Homo sapiens (human)]

Official Symbol

PTGDR2

Synonyms

PTGDR2; prostaglandin D2 receptor 2; DP2; DL1R; CD294; CRTH2; GPR44; prostaglandin D2 receptor 2; G-protein coupled receptor 44; chemoattractant receptor homologous molecule expressed on T helper type 2 cells; chemoattractant receptor-homologous molecule expressed on TH2 cells; putative G-protein coupled receptor 44

Gene ID

11251

mRNA Refseq

https://NM_004778

Protein Refseq

https://NP_004769

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MIM	604837
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UniProt ID	Q9Y5Y4
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