



PTGDR2 blocking peptide (CDBP5330)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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.[provided by RefSeq, Mar 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

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; G protein-coupled receptor 44; G-protein coupled receptor 44; putative G-protein coupled receptor 44; chemoattractant receptor-homologous molecule expressed on TH2 cells; chemoattractant receptor homologous molecule expressed on T helper type 2 cells

Entrez Gene ID	11251
mRNA Refseq	NM_004778
Protein Refseq	NP_004769
UniProt ID	Q9Y5Y4
Pathway	Class A/1 (Rhodopsin-like receptors); Eicosanoid ligand-binding receptors; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs; Prostanoid ligand receptors; Signal Transduction
Function	G-protein coupled receptor activity; prostaglandin D receptor activity; prostaglandin F receptor activity; prostaglandin J receptor activity