

Product datasheet for **RC223378L4V**

GPR44 (PTGDR2) (NM_004778) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GPR44 (PTGDR2) (NM_004778) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR44
Synonyms:	CD294; CRTH2; DL1R; DP2; GPR44
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004778
ORF Size:	1185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223378).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_004778.1
RefSeq Size:	2910 bp
RefSeq ORF:	1188 bp
Locus ID:	11251
UniProt ID:	Q9Y5Y4
Cytogenetics:	11q12.2
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane



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MW: 43.7 kDa

Gene Summary: 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]