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Product datasheet for RC219745L3V

GPR73A (PROKR1) (NM_138964) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GPR73A (PROKR1) (NM_138964) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR73A
Synonyms:	GPR73; GPR73a; PK-R1; PKR1; ZAQ
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_138964
ORF Size:	1179 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219745).
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_138964.2
RefSeq Size:	1182 bp
RefSeq ORF:	1182 bp
Locus ID:	10887
UniProt ID:	Q8TCW9
Cytogenetics:	2p13.3
Domains:	7tm_1
Protein Families:	Druggable Genome, GPCR, Transmembrane

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MW: 44.6 kDa

Gene Summary: This gene encodes a member of the G-protein-coupled receptor family. The encoded protein binds to prokineticins (1 and 2), leading to the activation of MAPK and STAT signaling pathways. Prokineticins are protein ligands involved in angiogenesis and inflammation. The encoded protein is expressed in peripheral tissues such as those comprising the circulatory system, lungs, reproductive system, endocrine system and the gastrointestinal system. The protein may be involved in signaling in human fetal ovary during initiation of primordial follicle formation. Sequence variants in this gene may be associated with recurrent miscarriage. [provided by RefSeq, Aug 2016]