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Product datasheet for RC222311L3V

Frizzled 8 (FZD8) (NM_031866) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Frizzled 8 (FZD8) (NM_031866) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FZD8
Synonyms:	FZ-8; hFZ8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031866
ORF Size:	2082 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC222311).`
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_031866.1
RefSeq Size:	3195 bp
RefSeq ORF:	2085 bp
Locus ID:	8325
UniProt ID:	Q9H461
Cytogenetics:	10p11.21
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways:	Basal cell carcinoma, Colorectal cancer, Melanogenesis, Pathways in cancer, Wnt signaling pathway
MW:	73.1 kDa
Gene Summary:	This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This gene is highly expressed in two human cancer cell lines, indicating that it may play a role in several types of cancer. The crystal structure of the extracellular cysteine-rich domain of a similar mouse protein has been determined. [provided by RefSeq, Jul 2008]