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Product datasheet for RC220672L3V

INPP5F (OCRL) (NM_000276) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	INPP5F (OCRL) (NM_000276) Human Tagged ORF Clone Lentiviral Particle
Symbol:	INPP5F
Synonyms:	Dent-2; DENT2; INPP5F; LOCR; NPHL2; OCRL-1; OCRL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_000276
ORF Size:	2703 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC220672).`
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_000276.3
RefSeq Size:	5165 bp
RefSeq ORF:	2706 bp
Locus ID:	4952
UniProt ID:	Q01968
Cytogenetics:	Xq26.1
Domains:	RhoGAP, IPPc, Exo_endo_phos
Protein Families:	Druggable Genome

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Protein Pathways: Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

MW: 104 kDa

Gene Summary: This gene encodes an inositol polyphosphate 5-phosphatase. This protein is involved in regulating membrane trafficking and is located in numerous subcellular locations including the trans-Golgi network, clathrin-coated vesicles and, endosomes and the plasma membrane. This protein may also play a role in primary cilium formation. Mutations in this gene cause oculocerebrorenal syndrome of Lowe and also Dent disease. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]