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Product datasheet for RC220154L4V

OFD1 (NM_003611) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OFD1 (NM_003611) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OFD1
Synonyms:	71-7A; CXorf5; JBTS10; RP23; SGBS2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003611
ORF Size:	3036 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220154).
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_003611.1
RefSeq Size:	3615 bp
RefSeq ORF:	3039 bp
Locus ID:	8481
UniProt ID:	O75665
Cytogenetics:	Xp22.2
Domains:	LisH
Protein Families:	Druggable Genome

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MW: 116.5 kDa

Gene Summary: This gene is located on the X chromosome and encodes a centrosomal protein. A knockout mouse model has been used to study the effect of mutations in this gene. The mouse gene is also located on the X chromosome, however, unlike the human gene it is not subject to X inactivation. Mutations in this gene are associated with oral-facial-digital syndrome type I and Simpson-Golabi-Behmel syndrome type 2. Many pseudogenes have been identified; a single pseudogene is found on chromosome 5 while as many as fifteen have been found on the Y chromosome. [provided by RefSeq, Aug 2016]