

# Product datasheet for MR228072

## Dolpp1 (NM\_001290508) Mouse Tagged ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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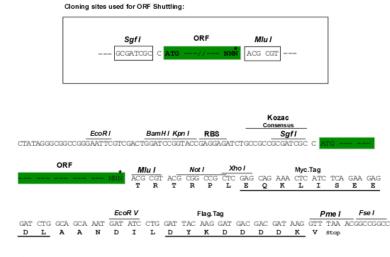
Product Type:	Expression Plasmids
Product Name:	Dolpp1 (NM_001290508) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dolpp1
Synonyms:	0610011H20Rik; AB030189; LSFR2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR228072 representing NM_001290508 Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGCCCTCCAGCCATTCCCAGTTCATGTGGTTCTTCTCCGTCTACTCCTTCCT
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG <b>GTTTAA</b>
Protein Sequence:	>MR228072 representing NM_001290508 <mark>Red</mark> =Cloning site Green=Tags(s)
	MPSSHSQFMWFFSVYSFLFLYLRMHQTNNARFLDLLWRHVLSLGLLTAAFLVSYSRVYLLYHTWSQVFYG GVAGSLMAVAWFIITQEILTPLFPRIAAWPISEFFLIRDTSLIPNVLWFEYTVTRAEARNRQRKLGTKLQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:	Sgfl-Mlul
	<pre>&gt;MR228072 representing NM_001290508 Red=Cloning site Green=Tags(s) MPSSHSQFMWFFSVYSFLFLYLRMHQTNNARFLDLLWRHVLSLGLLTAAFLVSYSRVYLLYHTWSQVFYG GVAGSLMAVAWFIITQEILTPLFPRIAAWPISEFFLIRDTSLIPNVLWFEYTVTRAEARNRQRKLGTKLQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV</pre>



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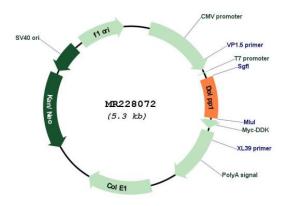


#### **Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

#### Plasmid Map:



## ACCN:

**ORF Size:** 

**OTI Disclaimer:** 

420 bp

NM\_001290508

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. <u>More info</u>

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<b>ORIGENE</b> Dolpp1 (NM_001290508) Mouse Tagged ORF Clone – MR228072		
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.	
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).	
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>	
RefSeq:	<u>NM 001290508.1, NP 001277437.1</u>	
RefSeq Size:	2475 bp	
RefSeq ORF:	423 bp	
Locus ID:	57170	
UniProt ID:	Q9JMF7	
Cytogenetics:	2 B	
MW:	17 kDa	
Gene Summary:	Required for efficient N-glycosylation. Necessary for maintaining optimal levels of dolichol- linked oligosaccharides. Hydrolyzes dolichyl pyrophosphate at a very high rate and dolichyl monophosphate at a much lower rate. Does not act on phosphatidate.[UniProtKB/Swiss-Prot Function]	

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