

Product datasheet for **MC225861**

Dolpp1 (NM_001290508) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dolpp1 (NM_001290508) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dolpp1
Synonyms: 0610011H20Rik; AB030189; L5FR2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225861 representing NM_001290508
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCCTCAGCCATTCCAGTTCATGTGGTCTTCTCCGCTACTCCTCCTCTTCTGTATTTAAGAA
TGCACCAACAATAACGCCAGGTCTTGGACTTGCTGTGGAGGCAGTGTCTCTAGGGCTCCTCAC
CGCGGCCCTTCTCGTCTCTATAGCAGGTCTACCTGCTGTACCACACCTGGAGCCAGGTGTTTTATGGG
GGCGTGGCTGGAAGCCTCATGGCCGTCGCTGGTTCATCATCACGCAGGAAATCCTCACTCCGTTGTCC
CCAGGATAGCAGCCTGGCCATCTCCGAGTTTTCTCATCCGGGACACGAGCCTCATTCCAATGTGCT
CTGGTTTGAGTACACAGTAACCGAGGCAGAAGCCAGGAACAGACAGCGCAAACCTTGAACAAAATCGAC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001290508
Insert Size: 423 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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 style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. 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.
RefSeq:	<u>NM_001290508.1</u> , <u>NP_001277437.1</u>
RefSeq Size:	2475 bp
RefSeq ORF:	423 bp
Locus ID:	57170
UniProt ID:	<u>Q9JMF7</u>
Cytogenetics:	2 B
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) contains an additional exon in the 5' region, and it thus differs in its 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a.</p>