

Product datasheet for **MC226214**

Dolpp1 (NM_001290509) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dolpp1 (NM_001290509) 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: >MC226214 representing NM_001290509
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGCGGACGGACAGTGCTCGCTCCCCGTTTCATGGCGGCCAGTGACCCCTACCCACGTCGAATACC
 CTGCAGGTGATCTGTCTGGCCACCTCCTGGCCTACCTGAGCCTCAGCCCTATTTTGTCTGTTGGTTT
 TTTGACTCTCATATTTCAAGCGGGAGCTACACACGATTTTCATTCCTTGGGGACTGGCACTGAATCAG
 GCGGTCAACTGGCTGATCAAACACGTATCCAGGAGCCTCGGCCCTGTGGAGGCCACATACAGCAGTGG
 GCACTAAGTACGGGATGCCCTCCAGCCATTCCAGTTCATGTGGTTCTTCTCCGTCTACTCTTCTCTT
 CCTGTATTTAAGAATGCACCAAAACAAATAACGCCAGGTTCTTGGACTTGCTGTGGAGGCAGTGTCTCT
 CTAGGGCTCCTCACCGCGGCCTTCTCGTCTCCTATAGCAGGCCATCTCCGAGTTTTTCTCATCCGGG
 ACACGAGCCTCATTCCCAATGTGCTCTGGTTTGTGAGTACACAGTAACCAGGGCAGAAGCCAGGAACAGACA
 GCGCAAACCTTGAACAAAACCTGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290509
Insert Size: 588 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:	NM_001290509.1 , NP_001277438.1
RefSeq Size:	2139 bp
RefSeq ORF:	588 bp
Locus ID:	57170
UniProt ID:	Q9JMF7
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 (3) lacks an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (c) that is shorter than isoform a.</p>