

Product datasheet for **MC205527**

Dolpp1 (NM_020329) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dolpp1 (NM_020329) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dolpp1
Synonyms:	0610011H20Rik; AB030189; LSFR2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026544
 GGGTAAGATGGCAGCGGACGGACAGTGCTCGCTCCCCGCTTCATGGCGGCCAGTGACCCTACCCACGTC
 GAATACCTGCAGGTGATCTGTCTGGCCACCTCCTGGCTACCTGAGCCTCAGCCCTATTTTTGTCGTTG
 TTGGTTTTTTGACTCTCATATTTCAAGCGGGAGCTACACACGATTTTCATTCTTGGGGGACTGGCACT
 GAATCAGGGCGTCAACTGGCTGATCAAACACGTATCCAGGAGCCTCGGCCCTGTGGAGGCCACATACA
 GCAGCGGGCACTAAGTACGGGATGCCCTCCAGCCATCCCAGTTCATGTGGTTCTTCTCCGCTACTCCT
 TCCTCTTCTGTATTTAAGAATGCACCAACAATAACGCCAGGTTCTTGGACTTGCTGTGGAGGCAGT
 GCTGTCTTAGGGCTCCTCACCAGCGCCCTTTCTCGTCTCCTATAGCAGGGTCTACCTGCTGTACCACACC
 TGGAGCCAGGTGTTTTATGGGGCGTGGCTGGAAGCCTCATGGCCGTCGCCTGGTTCATCATCACGAGG
 AAATCCTCACTCCGTTGTTCCCCAGGATAGCAGCCTGGCCATCTCCGAGTTTTTCTCATCCGGGACAC
 GAGCCTCATTCCCAATGTGCTCTGGTTTGTGAGTACACAGTAACCAGGGCAGAAGCCAGGAACAGACAGCGC
 AAATTGGAACAAAAGTGCAGTGACTGGTGGGTGTGGCTGCGTCTAGCCTCCGAATCTGGCTGCACCAT
 GCCTTGACAGGATGGACAGAATGATGGATGGAGGGTGAAGCAGAGACCTTACAGACCAGAGTACCAAG
 TGGAGCCTTTTTTTTTCTATTTTAATTTCAATGGACACGGTGGACCAAAGTGTGAGTCAAGTCCCTCAG
 CCAGGACCTGGGAGGGCCTGCTGTGTGTGGTGCATGGCCAGAGCCCATCTCTGCTGCTGCCAGTCC
 TGGCTGGGTGAAAGTGCCTTGGCACGGCCCTCAGCGTGCCTGTAGAGCGTGTGTACCTCTGGTCTGA
 GATCAGGAAGTGCAGGTAGCGGAATGCGCACTATTTATTTCTTTGGGATTGTGGAGTTTATGCTGAAGAG
 GCCACTCTGCAGCAGTCCCTGTGTACACAGGGCCAGGTTAGCTCCCAGACCCTGTGCTCTGAGCCTC
 AGGCAGTACAGCCTGCCTCCTGTGGCCCTGAGCAGGGCCTAGGGCCAGGGCCAGGAGCGAGGCCTCC
 CCTGCTGTCCCTGCCACCATCGCCATCCAGAACCCTTGTGAGTGTTCCTCGTCTGGGGCAGGGCCAG
 AGTCAGCACCTGTTTATCCGTCTGTGCGCTGGGCTGCTGGCTTGTGTTCTTCCCTCTACCAACCCGACAT
 CACAAGGGCTTTCTCCGGTCTCTATCCCTTCTGACAAAAGAGCCTGCACATACGGGTGAGCACACCCA
 AGCGTTTACAGCTCCTTTTGTCTGGCCATCGGGTAGCAGTCTGTCTTTCATCCCCACTTGAACAAAAGAGA
 GGAAGCAGGAGCTGGGATGCTGGCTGTGTGGCAGTGCAGACACCCTCCCCATCGCCTGCCATGTGCTC
 TGGATTTGTCCCTGTCTTCTGGCCTGTCTGGAGGCTGGAACCAGTGCAGGTTGATCCTGGGGTCTG
 CCTGGGAGTGGGCTCTGATCCCAGCTGCCAGGAGTCCCTTTTAAGGGACTCTCTCCAGGTTGTCTGCCA
 CAGCTGTGGAGATGCTTCCAGAAGTGAAGCAGCCCTGGGGGAGCTGTTGAGCCCTCCCCGTTTCTCCC
 TGGAGGTCCCTAACCTGTGCTGAAGCACAAGTTTTTGGTGTCTTCTTTGTGTTTGTAAAGGCCGTGT
 CCAAGCCCCTCAGATGCCAGGGCCAGGGCTGGTTTCTAGGGAGGTAGTCAAGTGCATCCATCCCCCTC
 CCCCCTAGGATTTTTATTTTTTACTTTTTGCTGAGACAAGCAAGTGTGAGGTGTTTAAAGAAATCAA
 TGAATTGTTTACTATTGTTTTAAATAAAATCTGAAACTCTGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_020329

Insert Size: 717 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).

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:

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: [BC026544](#), [AAH26544](#)

RefSeq Size: 2088 bp

RefSeq ORF: 717 bp

Locus ID: 57170

UniProt ID: [Q9JMF7](#)

Cytogenetics: 2 B

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]

Transcript Variant: This variant (1) encodes the longest isoform (a).