

Product datasheet for **MC202873**

Mpdu1 (NM_011900) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mpdu1 (NM_011900) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mpdu1
Synonyms: LEC3; LEC35; SL; SL15; Supl; Supl15h
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC026776 sequence for NM_011900
 ATGGCGGGGAGGCCGACGGGCCGTTCAAAGGGCTGCTGGTGCCAATTCTTTTACCTGAGAAATGTTACG
 ACCAGCTCTTCGTGCAATGGGACTTGCTTCATGTTCCCTGCCTCAAGATTCTCCTCAGCAAAGGCCCTCGG
 GCTGGGCATCGTGGCTGGGTCACTTCTCGTCAAGCTGCCCCAGGTATTTAAACTCTTGGGAGCCAAGAGT
 GCAGAAGGACTGAGTCTCCAGTCAGTAATGCTGGAGCTAGTGGCACTGACCGGAACCGTGGTCTACAGCA
 TCACCAACAACCTCCCCTTCAGCTCTTGGGGTGAAGCGCTGTTCTGACTCCAGACCGTTGCCATCTG
 CTTCTGGTCACTGACTACAGAGGAGAGACCGTGAAAGGAGTCGCTTTCCTTGCCTGCTATGCCATGGTC
 CTGCTGGCGTGTCTCCCCGCTCACGCCTCTGGCTGTAGTCACTCTGCTCCAGGCCTCCAATGTACCTG
 CCGTGGTGGTGGGAAGTTGCTTACGGCAGCCACTAACTACCGCAACGGACACACAGGCCAGCTTTCAGC
 CATTACAGTGTATGCTGTTTGGGGCTCCTTGGCCGAATCTTCACTTCTGTTTCAAGAACTGGAGAC
 CCCCTCATGGCTGGAGTCTTGTGGTCTTCTCTCTGCAATGGCCTCATTGCTGCCAGGTCCTCTTCT
 ACTGGAACGCAAAGGCTCCCCACAACAGAAAAAGGAGCAATAGAGCTGAGCTCGCTTCTAGAACAATTC
 CATTTCCACTCATCTCAGAGTCTCCCCACATGACTTGATCTGCGGGTGCAGTGTAAAGCACCTCCATT
 CCTCTAACTGCAGCCTCCTGAGCCAGGGTGTGGGAGCAGTAAAGCTTGTGTAGGCCCTGCCTTCACTCA
 CTCACTTCCCCAGATCCCTCCTTGTGAGCAGCTGGTTTACTGGAGCAGATGCTCTGGCCCTGTCCACTTA
 CCTTCTTTTGGACCAAGGACAGAGCCTAGAAAAGTGGTGGAAAGCTAGTGGCTGCTTCCCTGTGCTG
 CCCGGTGGGATGGTCTATTGGAGCCAGTCTGGGGTGGAGGAGTACTCAGATAAGGGCCCTGGG
 GTTGGTGGGAGGTTCTGCCAGGCAAGTCTGGCGGAAGGGTGTGTGAAGGCCGCTGGTTGCTGCTGT
 AGGGAGAGAATACAAATGGGACAATAAAAGACTCCGAAACATGGTTTTAATTGTAACAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_011900
Insert Size: 744 bp



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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:	<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:	BC026776 , AAH26776
RefSeq Size:	1259 bp
RefSeq ORF:	744 bp
Locus ID:	24070
Cytogenetics:	11 42.86 cM
Gene Summary:	This gene encodes a member of the PQ-loop superfamily. A similar gene in human encodes a protein that is required for monosaccharide-P-dolichol-dependent glycosyltransferase reactions, and disruption of this gene is the cause of congenital disorder of glycosylation (CDG) type 1F, a disease linked to defects in protein N-glycosylation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014] Transcript Variant: This variant (1) encodes the longest isoform (1).