

Product datasheet for MR203128

Mpdu1 (BC048871) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpdu1 (BC048871) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mpdu1
Synonyms:	SL15, LEC35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203128 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGGAGGCCGACGGCCGTTCAAAGGGCTGCTGGTGCCAATTCTTTACCTGAGAAATGTTACG
ACCAGCTCTTCGTGCAATGGGACTTGCTTCATGTTCCCTGCCTCAAGATTCTCCTCAGCAAAGGCCTCGG
GCTGGGCATCGTGGCTGGGTCACTTCTCGTCAAGCTGCCCAAGTATTTAACTCTGGGAGCCAAGAGT
GCAGAAGGACTGAGTCTCCAGTCAGTAATGCTGGAGCTAGTGGCACTGACCGGAACCGTGGTCTACAGCA
TCACCAACAACCTCCCTTCAGTCTTGGGGTGAAGCGCTGTTCCCTGACACTCCAGACCGTTGCCATCTG
CTTCTGGTTCATGCACTACAGAGGAGAGACCGTGAAGGAGTTCGCTTTCCTTGCCTGCTATGCCATGGTC
CTGCTGGCGCTGCTCTCCCGCTCACGCCTCTGGCTGTAGTCACTCTGCTCCAGGCCTCCAATGTACCTG
CCGTGGTGGTGGGAAGTTGCTTCAGGCAGCCACTAACTACCGCAACGGACACACAGGCCAGCTTTCAGC
CATTACAGTGTATGCTGTTGGGGGCTCCTTGGCCGAATCTTCACTTCTGTTTCAGGAACTGGAGAC
CCCCTCATGGCTGGAGTCTTTGTGGTCTTCTCTCTGCAATGGCCTCATTGCTGCCAGGTCTCTTCT
ACTGGAACGCAAAGGCTCCCAACAACAGAAAAAGGAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [BC048871](#), [AAH48871](#)

RefSeq Size: 1255 bp

RefSeq ORF: 743 bp

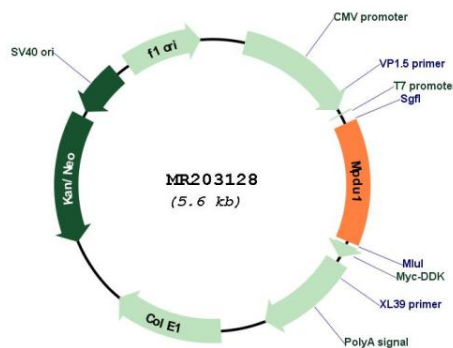
Locus ID: 24070

Cytogenetics: 11 42.86 cM

MW: 26.4 kDa

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]

Product images:



Circular map for MR203128