

Product datasheet for MC206373

GmDs (BC031788) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GmDs (BC031788) Mouse Untagged Clone
Tag: Tag Free
Symbol: GmDs
Synonyms: MGC18773
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC031788
 GGCCCGGGCTCGTTCCACTCCGCCTTCTCTTGCCCGCAGCTCACCCGCTGAGGCGACATGGCTCAA
 GCTCCCGTAAGTGCCCGAGCTACCCGGGCTCCGGGATGGCGAGATGGGCAAGCTCAGGAAGTGGCTC
 TCATCACTGGCATCACCGACAGGATGGTTCGTA CTGGCAGAATTCCTGTTGGAGAAAGGTACGAGGT
 CCATGGAATAGTACGGCGATCTAGTTCATTTAATACAGGTCGAATTGAACATTTATATAAGAATCCTCAG
 GCTCATATTGAAGGAAACATGAAGTTGCACTATGGTGACCTCACTGACAGCACCTGCCTAGTAAAAATCA
 TCAATGAAGTCAAGCCTACAGAGATCTATAATCTTGGAGCCAGAGCCATGTCAAGATCTCCTTTGACTT
 AGCTGAGTACCCGAGATGTTGATGGCGTTGGCACCTTGGCGCTTCTGGATGCAATAAAACTTGTGGC
 CTTATAAATTCTGTGAAGTTCTACCAGGCCTCAACAAGTGAACCTTATGGAAAAGTGCAGGAAATACCC
 AGAAGGAGACCACACCTTCTATCCGAGGTCACCCTATGGAGCAGCCAACTCTATGCCTATTGGATTGT
 GGTGAATTTCCGTGAAGCTTATAATCTCTTTCAGTGAATGGAATTCCTTCAATCATGAGAGTCCGAGA
 AGAGGAGCTAATTTTGTACTCGAAAAATAGCCGGTCAGTAGCTAAGATTTACCTTGGACAACCTGGAAT
 GTTTCAGCTTGGGAAATCTGGATGCCAAACGAGACTGGGGCCATGCCAAGGACTATGTAGAGGCTATGTG
 GCTCATGTTGCAGAAATGATGAGCCAGAGGACTTTGTCATAGCTACTGGGGAAGTTCACAGTGTCCGTGAA
 TTTGTTGAAAAGTCATTCATGCACATCGGAAAAACCATTTGTGTGGGAAAGGAAAGAATGAAAATGAAGTGG
 GCAGATGTAAAGAGACCGGCAAAGTTCACGTGACTGTGGATCTGAAATACTACCGACCGACTGAAGTGG
 CTTTCTGCAGGGAGACTGCTCCAAGGCTCAGCAGAAGCTAAACTGGAAGCCCCGCTTGCCTTTGACGAG
 CTGGTGAAGGAGATGGTGCAGGCCGACGTGGAGCTCATGAGGACCAACCCCAACGCTTGAAGCCCTCTGC
 AGAGACTCGAGGGCATGGTGCAGAGTGCAGAGCCAGGAAACAGAGTCCAGTAACTCCTGCCAACCATGG
 ACCCTCGACCTCCTGTGCTGTCCCTGTATCCAGAGCTGGGCCACAGAGGTTTGTAGAGCCTGGGACAGGA
 CACACCAGAGCTAAGGCCGATTGCTTTTGTCAAAGTCTCCTCCTGACTGGTTTCAGGAAATCAAGAA
 GTTTGAATCACATACTCATTTTACTTGAATATATGCTACTAGACAACCTATATTTTGGAGTCTTGAGATT
 GTTTTTCTTTTTCTTATTAATAATCTTTCTATAACCCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC031788



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Insert Size:	1119 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:	<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:	BC031788 , AAH31788
RefSeq Size:	1529 bp
RefSeq ORF:	1119 bp
Locus ID:	218138
Cytogenetics:	13 A3.2
Gene Summary:	Catalyzes the conversion of GDP-D-mannose to GDP-4-dehydro-6-deoxy-D-mannose. [UniProtKB/Swiss-Prot Function]