

Product datasheet for MC214298

Gdpgp1 (NM_178752) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gdpgp1 (NM_178752) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Gdpgp1
 Synonyms: D330012F22Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC214298 representing NM_178752
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTGTGCCACATCATTTGCAGGAGACTTCTATCTGCTGCCTCCAGATCCAGAGGATTGGGAGAAAC
 AAGGCATCCCGACTTTGTCTATGGCCAGGAGATCTCGTTGGCAAGGAAGTTCAGTGGCCAGGGATTC
 ACCTAGTGCCGTGGACACAGTACCACTATCCCGTTTCGACTCTGCCCTCCGCTCTGCGTGGAGGCAGCGG
 CTGGAACCTGGGCCTGTTTCGGTACCGCCTAGAAGATCTGCAGACCCAAATCCTCCCCGGTCCGTGGGGT
 TTGTAGCTCAGCTGAATATAGAGCGAGGGATACAGAGGAGGCGCCCCAGAATATCAGAAGTGTGAGGCA
 GGAGTTTGACCCGGAACAGTTTAACTTCAATAAAAATTCGACCTGGAGAAGTCCTTTTCCGGATGCAAAGG
 GAACCTAAAGGCCAGCCACTCCAAAGCAAGAGGACGACGTCCTTGTGGTGATCAATGTCAGCCCCCTGG
 AGTGGGGTCATGTGCTGCTGGTGCCTGCACCTGCTCAGGGGCTTCCCAACGGCTGCTGCCTGGAGTGCT
 GCGGGTGGGGCTAGAAGCTGTCTACTGAGCTTGACCCAGGCTTCAGGGTGGCTTCAACAGCCTGGGA
 GGCTGGCCTCTGTGAACCATTTACCTGCATTGCTACTACCTGGCCACCCACTGCCTGTGGAGGGAG
 CGCCAAGCACACCCCTAGACCCAAAGTTGTATACATCTGCTGCAGGCCCTGCCGGCTCCTGGCTTTCT
 CTTTTACACAGTGGCCAGGGCCGATTGGAAGTGTTAATTAGCAGGGTATGCCGAGCTACTGACTAC
 CTGAGTGACCGTGAGATTGCACATAACTTATTTGTGACCCGGGGAGCTCCCCCGGGCCGACATCATCTA
 CCTCAGATCTCAGTGGGATCCGAGTCATTCTGTGGGCCCGGAAGTCCAGCTTTGGAATAAAGGAAAGTGG
 GGCGTTTAAATGTTGCCCTCTGTGAGCTGGCTGGCCACCTCCCTGTCAAACATCACAGGACTTCAGCAGC
 TTGACAGAGGCAGCTGCAGTGGCCCTATTGAGGATTGCTGCTGCCTGAAACTCAGGCAGGTGAGGTAC
 GGGCAGCGCTGGTAGCCCTGATGGCTCAGGAAGAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_178752
Insert Size:	1161 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:	<u>NM_178752.3</u> , <u>NP_848867.2</u>
RefSeq Size:	3520 bp
RefSeq ORF:	1161 bp
Locus ID:	269952
UniProt ID:	<u>Q3TLS3</u>
Cytogenetics:	7 D2
Gene Summary:	Specific and highly efficient GDP-D-glucose phosphorylase regulating the levels of GDP-D-glucose in cells.[UniProtKB/Swiss-Prot Function]