

Product datasheet for MC203511

Gdpd5 (NM_201352) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gdpd5 (NM_201352) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gdpd5
Synonyms:	BC024955; Gde2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC082585
 CGCGAGGCTGAGCAAGCGGTGAGCGGGGAGCCGGTAAGAGGAGGAAGTGGAGCGGGCCCGGAGCTCTG
 GAGTCCGCTGCCGACAGGTCCGCCAGATTTGCAGAGTGAGCGGCGTCCGGACCTGGGCAGACTTCTT
 CGCCTTGCTCCGGCCGCTGGCGCTCCGCCCTGCCCTGCCCTGCCCTGCTTGTCCGAGCCCCGATT
 CCGCGCCTGGACTTTCTAGCCCGTGGTCTGGAGCTGCTGGGACGTTCCGAGCCCCGGCCTTGATCCGGA
 GTTCCGAGACGGGACGTTCTCGGCCCATCATACTGACCCATCTCTGCTGGAGTGTCTCCGCCCTCGG
 TCGGGCAAGGTGGCCCCAGCTCTGGGACTTGTAGTAGAGGAGCCGGGACGCCACCGGCTCCAGCTC
 CTGGAGAACCAATCTTCAGCTGCCTTGGACCGAACTGCTCCGGACTTAACTGTACTGGCACCGCCCG
 GGTCCAGCGCACCGTGGGGTCCCAAGCAGGCAGAACAGTCCGACCGAACCCCTGGGCGAGTGAAGCT
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 ATCAGCCTGGATGGTGTGCCCTTCTCATGCATGACACTACCCTGAGGCGGACCACCAATGTGGAGCACC
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GCTGCCATCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Ascl-NotI
- ACCN:** NM_201352
- Insert Size:** 1824 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:** [BC082585](#), [AAH82585](#)
- RefSeq Size:** 3609 bp
- RefSeq ORF:** 1824 bp

Locus ID: 233552

UniProt ID: [Q640M6](#)

Cytogenetics: 7 E1

Gene Summary: Glycerophosphodiester phosphodiesterase that promotes neurite formation and drives spinal motor neuron differentiation (PubMed:17275818, PubMed:18667693). Mediates the cleavage of glycosylphosphatidylinositol (GPI) anchor of target proteins: removes the GPI-anchor of RECK, leading to release RECK from the plasma membrane (By similarity). May contribute to the osmotic regulation of cellular glycerophosphocholine (PubMed:18667693). [UniProtKB/Swiss-Prot Function]