

Product datasheet for **RC230122**

GDPD2 (NM_001171191) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GDPD2 (NM_001171191) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GDPD2
Synonyms:	GDE3; OBDPF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC230122 representing NM_001171191
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTGGTCCCTGGCATTCTGCTGGTCATCTCTACTGGTCACATATGCATCCTTGCTATTGGTCC
 TGGCCCTGCTCCTGCGGCTTTGTAGACAGCCCCTGCATCTGCACAGCCTCCACAAGGTGCTGCTGCTCCT
 CATTATGCTGCTTGTGGCGGCTGGCCTTGTGGGACTGGACATCCAATGGCAGCAGGAGTGGCATAGCTTG
 CGTGTGCACTGCAGGCCACAGCCCCATTCTTCATATTGGAGCAGCCGCTGGAATTGCCCTCCTGGCCT
 GGCCTGTGGTGATACCTTCTACCGTATCCACCGAAGAGGTCCCAAGATTCTGCTACTGCTCCTATTTTT
 TGGAGTTGCTGGTCACTACTTGGCCCCCTATGCATCTCCTCACCTGCATCATGGAACCCAGAGAC
 TTACCACCAAGCCTGGCTGGTGGGACACCGAGGGGCCCCATGCTGGTCCCAGAACACCCTGATGT
 CCTTGGGAAGACAGCTGAATGCGGAGCTACTGTGTTGAGACTGATGTGATGGTCAGCTCCGATGGGT
 CCCCTTCTCATGCATGATGAGCACCTCAGCAGGACCACGAATGTAGCCTCTGTATCCCAACCCGAATC
 ACAGCCCACAGCAGTGAATTCTCCTGGACTGAACTGAAGAGACTCAATGCTGGATCCTGGTTCCTAGAGA
 GCGACCCCTTCTGGGGGCCAAACCGCTGGCAGGCCCTGATCAGAAAGAGGCTGAGAGTCAGACGGTACC
 AGCATTAGAAGAGCTATTGGAGGAAGCTGCAGCCCTCAACCTTCCATCATGTTGCACTTGCGCCGACCC
 CCACAGAACACACATACTATGACACTTTTGTGATCCAGACATTGGAGACTGTGCTGAATGCAAGGGTGC
 CCCAAGCCATGGTCTTTTGGCTACCAGATGAAGATCGGGCTAATGTCCAACGACGGGCACCTGGAATGCG
 CCAGATATATGGACGTCAGGGAGGCAACAGAACGGAGAGGCCCAAGTTTCTTAACCTCCCCTATCAAGAT
 CTGCCACTATTGGATATCAAGGCATTGCATAAGGATAATGTCTCGGTGAACCTATTTGATGAAACAAGC
 CCTGGCTCTTCTCTGCTTTGGTGTGCAGGGTGGATTCCGTCACCACCAACGACTGCCAGCTGTGCA
 GCAGATGCGTTACCCTATCTGGCTTATTACCCCTCAAACCTACCTAATCATATGGGTCAATCAATTGT
 GTTCCACCATGCTGCTTTTGTGGACCTTCTCCTCCTCAAAGAAGATTTGTTAAGAAGAGAGGGAAAAC
 GCTTAGAAACAGCAGTGTGCTGACAAGGATCAACAATTCATGATGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230122 representing NM_001171191
 Red=Cloning site Green=Tags(s)

MDWSLAFLLVISLLVTYASLLLVLALLRLCRQPLHLHSLHKVLLLLIMLLVAAGLVGLDIQWQQEWHS
 RVSLQATAPFLHIGAAAGIALLAWPVADTFYRIHRRGPKILLLLFFGVLVVIYLAPLCISSPCIMEPRD
 LPPKPLVGHGAPMLAPENTLMSLRKTAECGATVFETDVMVSSDGVFPLMHDEHL SRTTNVASVFPTRI
 TAHSSDFSWTELKRLNAGSWFLERRPFWGAKPLAGPDQKEAESQTVPALEELLEEAALNLSIMFDLRRP
 PQNHYYDTFVIQTLETVLNARVPQAMVFWLPEDRANVQRRAPGMRQIYGRQGGNRTERPQFLNLPYQD
 LPLLDIKALHKDNVSVNLFVVKPWLFSLLWCAGVDSVTNDCQLLQMRYPDWLITPQTYLIWVITNC
 VSTMILLWTFLLQRRFVKRGTGLETAVLLTRINFMME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

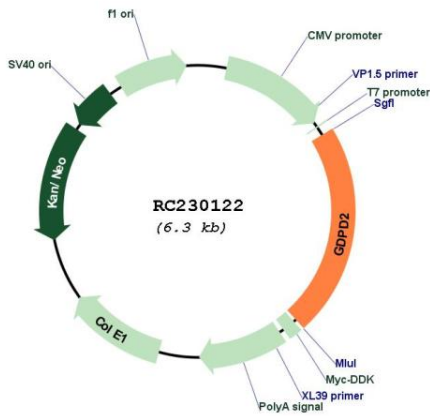
Cytogenetics: Xq13.1

Protein Families: Transmembrane

MW: 52.2 kDa

Gene Summary: This gene encodes a member of the glycerophosphodiester phosphodiesterase enzyme family. The encoded protein hydrolyzes glycerophosphoinositol to produce inositol 1-phosphate and glycerol. This protein may have a role in osteoblast differentiation and growth. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2010]

Product images:



Circular map for RC230122