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Product datasheet for SC122495

GDPD1 (BC034432) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GDPD1 (BC034432) Human Untagged Clone
Tag:	Tag Free
Symbol:	GDPD1
Synonyms:	FLJ27503; FLJ37451; GDE4; glycerophosphodiester phosphodiesterase 4; glycerophosphodiester phosphodiesterase domain containing 1; MGC35046; UGPQ
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for BC034432 edited
GGAGTTCAGAGGGCCCGGAGGTGGGAGACTTCCCACACGGTGACTGAGATGTCGTCCACT
GCGGCTTTTTACCTTCTCTCTACGCTAGGAGGATACTTGGTGACCTCATTCTTGTTGCTT
AAATACCCGACCTTGCTGCACCAGAGAAAGAAGCAGCGATTCCTCAGTAAACACATCTCT
CACCGCGGAGGTGCTGGAGAAAATTTGGAGAATACAATGGCAGCCTTTCAGCATGCGGTT
AAAATCGGAACTGATATGCTAGAATTGGACTGCCATATCACAAAAGATGAACAAGTTGTA
GTGTCACATGATGAGAATCTAAAGAGAGCAACTGGGGTCAATGTAAACATCTCTGATCTC
AAATACTGTGAGCTCCCACCTTACCTTGGCAAACTGGATGTCTCATTTCAAAGAGCATGC
CAGTGTGAAGGAAAAGATAACCGAATTCCATTACTGAAGGAAGTTTTTGAGGCCTTTCCT
AACACTCCCATTAACATCGATATCAAAGTCAACAACAATGTGCTGATTAAGAAGGTTTCA
GAGTTGGTGAAGCGGTATAATCGAGAACACTTAACAGTGTGGGGTAATGCCAATTATGAA
ATTGTAGAAAAGTGCTACAAAGAGAATTCAGATATTCCTATACTCTTCAGTCTACAACGT
GTCCTGCTCATTCTTGGCCTTTTCTTCACTGGCCTCTTGCCCTTTGTGCCCATTCGAGAA
CAGTTTTTTGAAATCCCAATGCCTTCTATTATACTGAAGCTAAAAGAACCACACACCATG
TCCAGAAGTCAAAAGTTTCTCATCTGGCTTTCTGATCTCTTACTAATGAGGAAAGCTTTG
TTTGACCACCTAACTGCTCGAGGCATTCAAGTAAGTTTCTGGAATGATGCATTTTGGAAG
CAGCATAGCTCACCAGTTTAACACAAATATAAAGGGCAAGAACTTTTAACTGACTTAGTT
TGGCCCTTGACTCTGATGCTGCTGCTTTACTGATCCACAAATGAGGACCTTAAGCTCTTC
CTTACACTTAGCAATAAAGCATTGGCATTTCTGGAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA
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View online »

5' Read Nucleotide Sequence:

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>OriGene 5' read for BC034432 unedited
GGTTCAAATTTTGTATACGACTCACTATAGGCGGCNCGCGATTCANATCTGGTACCGGTC
CGGAATTCCCGGGATGGAGTTCAGAGGGCCCGGAGGTGGGAGACTTCCCACACGGTGACT
GAGATGTCGTCCACTGCGGCTTTTTACCTTCTCTCTACGCTAGGAGGATACTTGGTGACC
TCATTCTTGTTGCTTAAATACCCGACCTTGCTGCACCAGAGAAAGAAGCAGCGATTCCTC
AGTAAACACATCTCTCACCGCGGAGGTGCTGGAGAAAATTTGGAGAATACAATGGCAGCC
TTTCAGCATGCGGTTAAAATCGGAACTGATATGCTAGAATTGGACTGCCATATCACAAAA
GATGAACAAGTTGTAGTGTCACATGATGAGAATCTAAAGAGAGCAACTGGGGTCAATGTA
AACATCTCTGATCTCAAATACTGTGAGCTCCCACCTTACCTTGGCAAACTGGATGTCTCA
TTTCAAAGAGCATGCCAGTGTGAAGGAAAAGATAACCGAATTCCATTACTGAAGGAAGTT
TTTGAGGCCTTTCCTAACACTCCCATTAACATCGATATCAAAGTCAACAACAATGTGCTG
ATTAAGAAGGTTTCAGAGTTGGTGAAGCCGTATAATCGAGAACACTTAACAGTGTGGGGT
AATGCCCATTATGAAATTGTAGAAAAGTGCNTACAAGAGAATTCAGATATTCCTATACTC
TTCAGTCTACCACGTGGTCTGGTCATTCTTGGCCTTTTCTTCCACTGGGCTCTTGCCCTT
TGTGGCCATTCGAGAACCGTTTTTTGGAAACCCCATGCCTTTCATTTTTCTGGAGCTTAA
AGACCCCCCACCCGGTCCCGAAGTCAAAAGTTCTCAACTGGCGTTCGAATCCTTTACAAA
GAGGAAAGCCTTTGTGTGCCCCCTAACTGCCCG
```

Restriction Sites: Please inquire

ACCN: BC034432

Insert Size: 1100 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: BC034432.1, AAH34432.1

RefSeq Size: 1100 bp

RefSeq ORF: 870 bp

Locus ID: 284161

Cytogenetics: 17q22

Protein Families: Transmembrane

Gene Summary: This gene encodes a member of the glycerophosphodiester phosphodiesterase family of enzymes that catalyze the hydrolysis of deacylated glycerophospholipids to glycerol phosphate and alcohol. The encoded protein is localized to the cytoplasm and concentrates near the perinuclear region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]