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Product datasheet for SC310222

GDPD5 (NM_030792) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GDPD5 (NM_030792) Human Untagged Clone
Tag:	Tag Free
Symbol:	GDPD5
Synonyms:	GDE2; PP1665
Vector:	pCMV6 series

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_030792, the custom clone sequence may differ by one or more nucleotides

ATGGTGAGACACCAGCCCCTGCAGTACTACGAGCCACAGCTGTGCCTCTCCTGCCTCACG
GGCATCTACGGCTGCCGTTGGAAGCGCTACCAGCGCTCCCATGATGATACCACACCGTGG
GAGCGCCTCTGGTTCCTGCTCCTCACCTTCACCTTTGGCCTCACGCTCACCTGGCTTTAC
TTCTGGTGGGAAGTCCACAATGACTATGATGAATTCAACTGGTACCTCTACAACCGCATG
GGCTACTGGAGCGACTGGCCCGTACCCATCCTTGTGACCACAGCTGCTGCCTTCGCATAC
ATCGCTGGCCTCCTGGTCCTGGCACTATGTCACATTGCCGTGGGGCAGCAGATGAACCTG
CACTGGCTGCACAAGATCGGGCTGGTGGTCATCCTGGCTTCCACGGTGGTGGCCATGTCG
GCCGTGGCCCAGCTGTGGGAGGACGAGTGGGAGGTGCTGCTGATCTCCCTGCAGGGCACA
GCGCCATTCCTGCATGTGGGGGCTGTGGCAGCAGTCACCATGCTCTCCTGGATCGTGGCA
GGACAGTTCGCCCGCGCAGAGCGGACCTCCTCCCAGGTGACCATTCTCTGTACCTTCTTC
ACCGTGGTGTTTGCCCTCTACCTGGCCCCTCTCACCATCTCCTCTCCCTGCATCATGGAG
AAGAAAGACCTCGGCCCCAAGCCTGCTCTCATTGGCCACCGCGGGGCCCCCATGCTGGCT
CCAGAGCACACGCTCATGTCCTTCCGGAAGGCCCTCGAGCAGAAGCTGTACGGGCTCCAG
GCTGACATTACCATCAGCCTGGACGGCGTGCCCTTCCTCATGCATGACACCACCCTGCGG
CGCACCACCAACGTGGAGGAGGAGTTCCCGGAGCTGGCCCGCAGGCCTGCCTCCATGCTT
AACTGGACCACCCTGCAGAGACTCAACGCTGGCCAGTGGTTCCTGAAGACTGACCCCTTC
TGGACAGCCAGCTCCCTGTCACCCTCCGACCACAGAGAGGCCCAGAACCAGTCCATCTGC
AGCCTGGCAGAGCTCCTGGAGCTGGCCAAGGGCAATGCCACACTGCTGCTCAACCTGCGT
GACCCGCCCCGGGAGCACCCCTACCGCAGCAGTTTTATCAACGTGACTCTGGAGGCCGTG
CTGCACTCCGGCTTCCCCCAGCACCAGGTCATGTGGCTGCCTAGCAGGCAGAGGCCCCTG
GTGCGGAAGGTGGCTCCCGGCTTCCAACAGACATCAGGCTCCAAGGAGGCAGTCGCCAGC
CTGCGGAGAGGCCACATCCAGCGGCTGAACCTGCGCTACACTCAGGTGTCCCGCCAGGAG
CTCAGGGACTACGCGTCCTGGAACCTGAGTGTGAACCTCTACACAGTCAACGCACCGTGG
CTCTTCTCCCTGCTGTGGTGTGCGGGGGTCCCATCCGTCACCTCTGACAACTCCCACGCC
CTGTCCCAGGTGCCTTCCCCCCTCTGGATCATGCCCCCGGACGAGTACTGTCTCATGTGG
GTCACTGCCGACCTGGTCTCCTTCACCCTCATCGTGGGCATCTTCGTGCTCCAGAAGTGG
CGCCTGGGTGGCATACGGAGCTACAACCCTGAGCAGATCATGCTGAGTGCTGCGGTGCGC
CGGACCAGCCGGGACGTCAGCATCATGAAGGAGAAGCTTATTTTCTCAGAGATCAGCGAT
GGTGTAGAGGTCTCCGATGTGCTCTCCGTATGTTCAGACAACAGTTATGACACATATGCC
AACAGCACCGCCACCCCTGTGGGCCCCCGAGGGGGTGGCAGCCACACCAAGACCCTCATA
GAGCGGAGTGGGCGTTAG

Restriction Sites: Please inquire

ACCN: NM_030792

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	NM_030792.4, NP_110419.4
RefSeq Size:	3503 bp
RefSeq ORF:	1818 bp
Locus ID:	81544
UniProt ID:	Q8WTR4
Cytogenetics:	11q13.4-q13.5
Domains:	GDPD
Protein Families:	Transmembrane
Gene Summary:	Glycerophosphodiester phosphodiesterases (GDPDs; EC 3.1.4.46), such as GDPD5, are involved in glycerol metabolism (Lang et al., 2008 [PubMed 17578682]).[supplied by OMIM, Jan 2010] Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.