OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC202627

Protein Kinase D2 (PRKD2) (NM_016457) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Protein Kinase D2 (PRKD2) (NM_016457) Human 3' UTR Clone
Symbol:	Protein Kinase D2
Synonyms:	HSPC187; nPKC-D2; PKD2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016457
Insert Size:	237 bp
Insert Sequence:	>SC202627 3'UTR clone of NM_016457 The sequence shown below is from the reference sequence of NM_016457. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGGCTGGCGGAGCGCATCAGTGTTCTCTGAGGTCCTGTGCCCTCGTCCAGCTGCTGCCCTCCACAGCGG TTCTTCACAGGATCCCAGCAATGAACTGTTCTAGGGAAAGTGGCTTCCTGCCCAAACTGGATGGGACAC GTGGGGAGTGGGGTGGGGGGAGCTATTTCCAAGGCCCCTCCCTGTTTCCCCAGCAATTAAAACGGACTC ATCTCTGGCCCCATGGCCTTGATCTCAGCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_016457.5

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Summary: The protein encoded by this gene belongs to the protein kinase D (PKD) family of serine/threonine protein kinases. This kinase can be activated by phorbol esters as well as by gastrin via the cholecystokinin B receptor (CCKBR) in gastric cancer cells. It can bind to diacylglycerol (DAG) in the trans-Golgi network (TGN) and may regulate basolateral membrane protein exit from TGN. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Locus ID: 25865

MW: 7.9