

Product datasheet for SC202625

Protein Kinase D2 (PRKD2) (NM_001079880) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Protein Kinase D2 (PRKD2) (NM_001079880) Human 3' UTR Clone
Symbol:	Protein Kinase D2
Synonyms:	HSPC187; nPKC-D2; PKD2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001079880
Insert Size:	237 bp
Insert Sequence:	<p>>SC202625 3'UTR clone of NM_001079880</p> <p>The sequence shown below is from the reference sequence of NM_001079880. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC GGGCTGGCGGAGCGCATCAGTGTCTCTAGGTCCTGTGCCCTCGTCCAGCTGCTGCCCTCCACAGCGG TTCTTCACAGGATCCCAGCAATGAAGTGTCTAGGGAAAGTGGCTTCTGCCCAAAGTGGATGGGACAC GTGGGGAGTGGGGTGGGGGAGCTATTTCCAAGGCCCTCCCTGTTCCCCAGCAATTAACCGGACTC ATCTCTGGCCCCATGGCCTTGATCTCAGCA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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:	<u>NM_001079880.2</u>


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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