

Product datasheet for SC207777

PICK1 (NM_012407) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PICK1 (NM_012407) Human 3' UTR Clone
Symbol:	PICK1
Synonyms:	PICK; PRKCABP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012407
Insert Size:	599 bp
Insert Sequence:	>SC207777 3'UTR clone of NM_012407 The sequence shown below is from the reference sequence of NM_012407. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACAAGGGTGGAAGCTGGTGTGACTCCTTGAGTGCCCCGCGGCTGTGGTGCCGGGGCAGGGTGCCTGGG
AGGACGGAGCCTGGGAGCGGGCGGGGCCCGCGCAAGGGGCGACGCATAAAGCCTGCTGGCTTGG
GGCGCCTGCCTCCCTGCTCCTGTCTCGCACAGCGAACCTGGGCTCCTGCCAGGACAGGCACCAGG
GTCATGGCCTGGGACCTGGACACTGGCCCCTCCACCCTCCCTCCCGGCTCCCGGCCAGAGGGA
GAGCTTGGTCTCTGGACCTGCCTTAGGAAGGAGAGGGAGGGCAGGAAGGAAAAGAAAGGACTTGGAGGT
GGCAGGAGTCCGAGCCCTGCTCCTGTGGGCGCTCACACTGCCCCCGGAGCCTGTGGGAGTGGGGCCA
GCCGTGGACAGCTGAGGTTGGGGTCAATGCCTCCTGGGCACCCTTGCCTCGCCCCAGACCGGCCCTCC
AGTCCCCATCACACCTCGGCGGCCTTTATTTATTCTGTTCCCCAGCTCGGCCACTTCTCTGAAGGAGG
GCTGGGTTCTGGGCTGTATCGAATAAACACAAACCTGGATGGCGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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).



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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_012407.4
Summary:	The protein encoded by this gene contains a PDZ domain, through which it interacts with protein kinase C, alpha (PRKCA). This protein may function as an adaptor that binds to and organizes the subcellular localization of a variety of membrane proteins. It has been shown to interact with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, as well as non-voltage gated sodium channels, and may target PRKCA to these membrane proteins and thus regulate their distribution and function. This protein has also been found to act as an anchoring protein that specifically targets PRKCA to mitochondria in a ligand-specific manner. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	9463
MW:	20.8