

## Product datasheet for SC207778

### PICK1 (NM\_001039583) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PICK1 (NM\_001039583) Human 3' UTR Clone  
**Symbol:** PICK1  
**Synonyms:** PICK; PRKCABP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_001039583  
**Insert Size:** 616 bp  
**Insert Sequence:** >SC207778 3'UTR clone of NM\_001039583  
 The sequence shown below is from the reference sequence of NM\_001039583. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACAAGGGTGGAAGCTGGTGTGACTCCTTGAGTGCCCCGCGGCTGTGGTGCCGGGGCAGGGTGCCTGGG
AGGACGGAGCCTGGGAGCGGGCGGGGCCCGCGCAAGGGGCGACGCATAAAGCCTGCTGGCTTGG
GGCGCCTGCCTCCCTGCTCCTGTCTCGCACAGCGAACCTGGGCTCCTGCCAGGACAGGCACCAGG
GTCATGGCCTGGGACCTGGACACTGGCCCTCCACCCTCCCTCCCGGCTCCCGGCCAGAGGGA
GAGCTTGGTCTCTGGACCTGCCTTAGGAAGGAGAGGGAGGGCAGGAAGGAAAAGAAAGGACTTGGAGGT
GGCAGGAGTCCGAGCCCTGCTCCTGTGGGCGCTCACACTGCCCCGGAGCCTGTGGGAGTGGGGCCA
GCCGTGGACAGCTGAGGTTGGGGTCAATGCCTCCTGGGCACCCTTGCCTCGCCCCAGACCGGCCCTCC
AGTCCCCATCACACCTCGGCGGCCTTTATTTATTCTGTTCCCCAGCTCGGCCACTTCTCTGAAGGAGG
GCTGGGTTCTGGGCTGTATCGAATAAACACAAACCTGGATGGCGCAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001039583.1</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	9463
<b>MW:</b>	21.5