

Product datasheet for **SC215722**

PREX1 (NM_020820) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PREX1 (NM_020820) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PREX1
Synonyms:	P-REX1
ACCN:	NM_020820
Insert Size:	1663 bp



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Insert Sequence: >SC215722 3'UTR clone of NM_020820
 The sequence shown below is from the reference sequence of NM_020820. 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
TGCCAGCCGCGGTGGATGGGGACCTCTGAACACCCAAATGCCCCACGCTGGGCCGCGCCTCTGGAGC
TGGGATTTGGGAGGACACAGCAGCAGCGCTGGCCTTCTCCAGGGATGGCCCAAGCTTCCGCAGCCGC
CCGTTCCGGGACCTGCCAGCGTCTCCCTGCCTCCTCCGGGACAAGCCTGGCCACCCTCGCTGTGAT
GACGAGCTGGCTGATTGGCCCTGGGCGGCCATTCTTACACGCCTGCCAGAAGCTGGAGGGGTCTG
GAGACCCATAGAGCTGATGGGAGCAGCTGGTGCCTGGCCTTCGGCTCCTGCGTCCCAGAACCCAAGGG
AACGTCATGGAGGCCACATGGGGCCACCCGGCTCCCTCGGGATGGCTCCGCTGCACTTTTGAACCCC
GGTTTCCTTCAAGTCCACATTCAGGTGACCACAGTGTCTCCTCCTCATCTTAGCTTCCAGGTT
CACCTAACCTGTACTAACCTGCTTGGTGGACTTGGAAAAGACTTGGCTCTGTCCGGAAAGGAGAGAC
GGGCCTCCATCAGCCTGTTACAGAGGATCCCCGAGAGCCACACCAGCTCTGGACATACCCGCCCT
GGAAGTGGGGCCACCAGCCTGGGCACGAGATTTGCTCTGACTTTATTTATATGGCATGAAATCTCTGG
TTATTTTGGGATTTTTTGTGTTGGTGTGTCAAAGTTTGTTTTTTCTAAAGTTGTGTGATTATATAT
TTGACATTTTACATTTCAAAGAAAGGTATGTTGTCTAACAGGGGACCAACAGAAGGTAGTATTGACAAC
TGTTCTCTGCTTCTACTAAAAAAGAGCACAAAAAGAAAACTAAATTATTGAAAAATAAAAATGT
CATTGTTTCTGTTTGTAAATATTAGGGTTGAAGGTGTCGTTTTGAGGTATCGACTGTGATTCCTTCC
CCCACCCTCCATTCTCCAGCGGTTGGCCGGTGTAGAACTCGCTCTCTTTGAGTGACTGGCTACAAGGG
CCTGAGAGGTGGCCAGCCAGGTTGGAGCTGGAGGGGATGGAGCCCCACCTGAGGTGCCGTGTCACAGC
GGTTAGAGGGTCACTGGGAAACACCCGGGCGGTGCTTCTGTGATTTATTTTCTTGATGGTAACTTCTCA
GAGCAGGGCGATTGGGACATCACAGCCAGAGCACAGGAAGCCACCCTGCCTGCTGGGGAGGAGGGACC
CACACAAGCCCCCTCGGCAGTTTGTCCCCCAGCTTCGGTATGCCTTCAGGGAAAGGTACAGCTGGGG
AGGAAGCGGGGGACGCCTGTCACCCCTGGCAGGTGGTGAAGTTCAGGTGGGGGCTCCCTGCTGCCCCCA
GGCCTGGGAGCTTGAAGCCCTCCCGCATCTGGCATCCGAGCCTCCCGCCTCCAGGGTGCCTTCCCT
CTTTGCCGAGCATACAGAGGGCAGGCAGTGGCCTTGTCACTGTATCTTGCATCAGAGACAAAGGAG
GACCCGCTTAGCCCTGCTGCGGAAATGGGGAGGGCCAGGGCCAGCGCATTGTGCACTGTTTACT
TTAAAATGTACAGATTCTCTCGTTAAATCTTGATAGATTTTTTATTATTATTAAGTCAAGTTTATA
ATACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_020820.4](#)

Summary: The protein encoded by this gene acts as a guanine nucleotide exchange factor for the RHO family of small GTP-binding proteins (RACs). It has been shown to bind to and activate RAC1 by exchanging bound GDP for free GTP. The encoded protein, which is found mainly in the cytoplasm, is activated by phosphatidylinositol-3,4,5-trisphosphate and the beta-gamma subunits of heterotrimeric G proteins. [provided by RefSeq, Jul 2008]

Locus ID: 57580

MW: 61.2