

## Product datasheet for SC212722

### Epac2 (RAPGEF4) (NM\_001100397) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Epac2 (RAPGEF4) (NM_001100397) Human 3' UTR Clone
Symbol:	Epac2
Synonyms:	CAMP-GEFII; CGEF2; EPAC; EPAC 2; EPAC2; Nbla00496
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001100397
Insert Size:	1156 bp
Insert Sequence:	>SC212722 3'UTR clone of NM_001100397 The sequence shown below is from the reference sequence of NM_001100397. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCACACAGATTAGAGCCTCGTCGACCATAGACATTTCAAATGCCCAAAGCAACAGTTTGTCTCCAGTCC
ACAATCTTTCAAAAATGCCATTTATGCTACTACTGACTGTATTGCCACTAGAGAATTCTACAAAACAAG
CAAAAACACATCCTGAGACACCTCAGGGCTGCATTAGCTTACCAGCTACCTAGCAAGAGAAGGAATTA
TTTGACATGCCTAAAGCTTACACACTCTAGCTTAGGAATCCCCAGTTTGTGGCTACCTGTTTCATTTTC
CACTTGTGCCATCTTCTTTGCTGAAGTGTGAATAAGGCCACGTGAAGAGTTTGGTAGAAATAGCCTT
GTCAAGAGAAGTGAAGCCCTGACATTTTTTTCTAAGAGTGTATATGGGATGAGATGTCTACAAT
GGGATAGATTTGGATAAAATTTAACTCAACATCTTGATTTGGAGCCTGGGGTTTCGGGAAGGTGTTGA
GGAATCTATAGAAGTCCAAATTAAGGTTGATTTCCATCTTCATTGTCTTACCTCTGAAGGAATAG
AACCTGACCACATTATTATGAAACATTATGGCTGTTTATGTAATTTAGGGAGGACTGGTCTGTAATTTTC
TGAATGTATATAGAATAATTTTATGTTTACAATGTAACTTTTCAAATTTACAATCAGGATTATATA
CATAAGAATCCACTAAGAAATGCCAAGATTCTTAAATTTGCCAGCGTAAAGTAGAAAAAACATTTTC
AGAAGAGCACAATATGCATAAAAATTTTTCAAATTTGAAATTTTTCTGGGCATTAACCTTTTAC
TATTGGCTACAAATTTATTTGACCTGATGAAAACATATTTTCTGGACTTAAATGTTATTACAAATATCT
TAATTTTCAGTAATTGTTTTGCACCTTTCAAGATTGTAATAAGTTTCAATCAATCAATGGTATGGAGTTA
TTTATTTGCTACATAATAGATACTGTGCCAAATAATTACTTTTTATTTATTTATTTAGTACGTAATTT
TGAAGTACATTTTTCTGTTTTACAATTAGACTACATTTAATGTGTAGGAATTGTATGTATGTATAT
CTTCTGTAATAACATCTAGTATCTTCACTAAATATAATTGTCGACAAGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG

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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<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_001100397.2</a>
<b>Summary:</b>	Guanine nucleotide exchange factor (GEF) for RAP1A, RAP1B and RAP2A small GTPases that is activated by binding cAMP. Seems not to activate RAB3A. Involved in cAMP-dependent, PKA-independent exocytosis through interaction with RIMS2 (By similarity).[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	11069
<b>MW:</b>	45.6