

Product datasheet for SC212723

Epac2 (RAPGEF4) (NM_007023) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Epac2 (RAPGEF4) (NM_007023) Human 3' UTR Clone
Symbol: Epac2
Synonyms: CAMP-GEFII; CGEF2; EPAC; EPAC 2; EPAC2; Nbla00496
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_007023
Insert Size: 1156 bp

Insert Sequence: >SC212723 3'UTR clone of NM_007023
 The sequence shown below is from the reference sequence of NM_007023. 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
TCACACAGATTAGAGCCTCGTGCACCATAGACATTTCAAATGCCCAAAGCAACAGTTTGTCTCCAGTCC
ACAATCTTTCAAAAATGCCATTTATGCTACTACTGACTGTATTGCCACTAGAGAATTCTACAAAACAAG
CAAAAACACATCCTGAGACACCTCAGGGCTGCATTAGCTTACCAGCTACCTAGCAAGAGAAGGAATTA
TTTGACATGCCTAAAGCTTACACACTCTAGCTTAGGAATCCCCAGTTTGTGGCTACCTGTTTCATTTTC
CACTTGTGCCATCTTCTTTGCTGAAGTGTGAATAAGGCCACGTGAAGAGTTTGGTAGAAATAGCCTT
GTCAAGAGAAGTGAAGCCCTGACATTTTTTTCTAAGAGTGTATATGGGATGAGATGTCTACAAT
GGGATAGATTTGGATAAAATTTAACTCAACATCTTGATTTGGAGCCTGGGGTTTCGGGAAGGTGTTGA
GGAATCTATAGAAGTCCAAATTAAGGTTGATTTCTCCATCTTCATTGTCTTACCTCTGAAGGAATAG
AACCTGACCACATTATTATGAAACATTATGGCTGTTTATGTAATTTAGGGAGGACTGGTCTGTAATTTTC
TGAATGTATATAGAATAATTTTATGTTTACAATGTAACTTTTCAAATTTACAATCAGGATTATATA
CATAAGAATTCCTACTAAGAAATGCCAAGATTCTTAAATTTGCCAGCGTTAAAGTAGAAAAAACATTTTC
AGAAGAGCACAATATGCATAAAAACATTTTTCAAATTTGAAATTTTTCTGGGCATTAACATTTTAC
TATTGGCTACAAATTTATTTGACCTGATGAAAACATATTTTCTGGACTTAAATGTTATTACAAATATCT
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TTTATTTGCTACATAATAGATACTGTGCCAAATAATTACTTTTTATTTATTTATTTAGTACGTAATTT
TGAAGTACATTTTTCTGTTTTACAATTAGACTACATTTAATGTGTAGGAATTGTATGTATGTATAT
CTTCTGTAATAACATCTAGTATCTTCACTAAATATAATTGTCGACAAGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
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_007023.4</u>
Summary:	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]
Locus ID:	11069
MW:	45.6