

## Product datasheet for **SC204660**

### REA (PHB2) (NM\_001144831) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	REA (PHB2) (NM_001144831) Human 3' UTR Clone
Symbol:	REA
Synonyms:	BAP; Bap37; BCAP37; hBAP; p22; PNAS-141; REA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001144831
Insert Size:	388 bp
Insert Sequence:	>SC204660 3'UTR clone of NM_001144831 The sequence shown below is from the reference sequence of NM_001144831. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> AGTGACAGCCTCATCAAGGGTAAGAAA <b>TG</b> AGCCTAGTCACCAAGAAGTCCACCCCGAGGAAGTGGAT CTGCTTCTCCAGTTTTTGGAGGCCAGCCAGGGTCCAGCACAGCCCTACCCGCCCCAGTATCATGCG ATGGTCCCCACACCGGTTCCCTGAACCCCTCTTGGATTAAGGAAGACTGAAGACTAGCCCTTTTCTG GGGAATTACTTTCTCCTCCCTGTGTTAACTGGGGCTGTTGGGGACAGTGCCTGATTTCTCAGTGATTT CCTACAGTGTGTCCCTCCCTCAAGGCTGGGAGGAGATAAACACCAACCCAGGAATTCTCAATAAATT TTTATTACTTAACCTGAAGTCAAGGCTTACAGTGTTCATGAAC <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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).
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.



[View online »](#)

RefSeq: [NM\\_001144831.2](#)

**Summary:** Acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases (By similarity). Functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. Competes with NCOA1 for modulation of ER transcriptional activity. In mitochondria, regulates cytochrome-c oxidase assembly (COX) and mitochondrial respiration. Binding to sphingoid 1-phosphate (SPP) modulates its regulator activity (PubMed:20959514).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 11331

**MW:** 14.5