

Product datasheet for **SC209990**

PBP (PEBP1) (NM_002567) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PBP (PEBP1) (NM_002567) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PEBP1
Synonyms: HCNP; HCNPPP; HEL-210; HEL-S-34; HEL-S-96; PBP; PEBP; PEBP-1; RKIP
ACCN: NM_002567
Insert Size: 811 bp
Insert Sequence: >SC209990 3'UTR clone of NM_002567
 The sequence shown below is from the reference sequence of NM_002567. 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
AAACTGTACGAGCAGCTGTCTGGGAAGTAGGGGTTAGCTTGGGGACCTGAACTGTCTGGAGGCCCA
AGCCATGTTCCCCAGTTCAGTGTTCATGTATAATAGATTCTCCTCTTCCCTGCCCCCTTGGCATGGG
TGAGACCTGACCAGTCAGATGGTAGTTGAGGGTGACTTTTCTGCTGCCTGGCCTTTATAATTTACTC
ACTCACTCTGATTATGTTTTGATCAAATTTGAACTTCATTTTGGGGGTATTTTGGTACTGTGATGGG
GTCATCAAATTATTAATCTGAAAATAGCAACCCAGAATGTAAAAAGAAAAAACTGGGGGAAAAAGAC
CAGGTCTACAGTGATAGAGCAAAGCATCAAAGAATCTTTAAGGGAGGTTTAAAAAAAAAAAAAAAAAAA
AAGATTGGTTGCCTCTGCCTTTGTGATCCTGAGTCCAGAATGGTACACAATGTGATTTTATGGTATGT
CACTCACCTAGACAACCAGAGGCTGGCATTGAGGCTAACCTCCAACACAGTGCATCTCAGATGCCTCAG
TAGGCATCAGTATGTCACCTCTGGTCCCTTTAAAGAGCAATCCTGGAAGAAGCAGGAGGGAGGTTGGCTT
TGCTGTTGTTGGGACATGGCAATCTAGACCGGTAGCAGCGCTCGCTGACAGCTTGGGAGGAAACCTGAG
ATCTGTGTTTTTAAATTGATCGTCTTTCATGGGGGTAAGAAAAGCTGGTCTGGAGTTGCTGAATGTTG
CATTAAATTGTGCTGTTTGTGCTTGTAGTTGAATAAAAATAGAAACCTGAATGAA
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).



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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_002567.4](#)

Summary: This gene encodes a member of the phosphatidylethanolamine-binding family of proteins and has been shown to modulate multiple signaling pathways, including the MAP kinase (MAPK), NF-kappa B, and glycogen synthase kinase-3 (GSK-3) signaling pathways. The encoded protein can be further processed to form a smaller cleavage product, hippocampal cholinergic neurostimulating peptide (HCNP), which may be involved in neural development. This gene has been implicated in numerous human cancers and may act as a metastasis suppressor gene. Multiple pseudogenes of this gene have been identified in the genome. [provided by RefSeq, Jul 2015]

Locus ID: 5037

MW: 30.5