OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

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
Symbol:	PBP
Synonyms:	HCNP; HCNPpp; HEL-210; HEL-S-34; HEL-S-96; PBP; PEBP; PEBP-1; RKIP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002567
Insert Size:	811 bp

Insert Sequence:

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>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

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAACTGTACGAGCAGCTGTCTGGGAAGTAGGGGGTTAGCTTGGGGACCTGAACTGTCCTGGAGGCCCCA
AGCCATGTTCCCCAGTTCAGTGTTGCATGTATAATAGATTTCTCCTCTTCCTGCCCCCCTTGGCATGGG
TGAGACCTGACCAGTCAGATGGTAGTTGAGGGTGACTTTTCCTGCTGCCTGGCCTTTATAATTTTACTC
ACTCACTCTGATTTATGTTTTGATCAAATTTGAACTTCATTTTGGGGGGTATTTTGGTACTGTGATGGG
GTCATCAAATTATTAATCTGAAAATAGCAACCCAGAATGTAAAAAAGAAAAAACTGGGGGGAAAAAGAC
CAGGTCTACAGTGATAGAGCAAAGCATCAAAGAATCTTTAAGGGAGGTTTAAAAAAAAAAAAAAAAAAA
AAGATTGGTTGCCTCTGCCTTTGTGATCCTGAGTCCAGAATGGTACACAATGTGATTTTATGGTGATGT
CACTCACCTAGACAACCAGAGGCTGGCATTGAGGCTAACCTCCAACACAGTGCATCTCAGATGCCTCAG
TAGGCATCAGTATGTCACTCTGGTCCCTTTAAAGAGCAATCCTGGAAGAAGCAGGAGGGAGGGTGGCTT
TGCTGTTGTTGGGACATGGCAATCTAGACCGGTAGCAGCGCTCGCTGACAGCTTGGGAGGAAACCTGAG
ATCTGTGTTTTTTAAATTGATCGTTCTTCATGGGGGTAAGAAAAGCTGGTCTGGAGTTGCTGAATGTTG
CATTAATTGTGCTGTTTGCTTGTAGTTGAATAAAAATAGAAACCTGAATGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

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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_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

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