

Product datasheet for **RN211673**

Pebp1 (NM_017236) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pebp1 (NM_017236) Rat Untagged Clone
Tag: Tag Free
Symbol: Pebp1
Synonyms: HCNP; Pbp; Rkip
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211673 representing NM_017236
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGCCGACATCAGCCAGTGGGCCGGGCCGCTGTCATTACAGGAGGTGGATGAGCCGCCCCAGCAGC
CCCTGAGGGTCGACTACGGCGGAGTAACGGTGGACGAGCTGGCAAAGTGCTGACGCCACCCAGGTCAT
GAATAGACCAAGCAGCATTTCATGGGATGGCCTTGATCCTGGGAAGCTCTACACCCTGGTCTCACAGAC
CCCGATGCTCCCAGCAGGAAGGACCCCAAATTCAGGGAGTGGCACCATTCTCTGGTGGTCAACATGAAGG
GCAACGACATTAGCAGTGGCACTGTCCTCTCCGAATACGTGGGCTCCGGACCTCCCAAAGACACAGGTCT
GCACCGCTACGTCTGGTGTATGAGCAGGAGCAGCCTCTGAACTGTGACGAGCCATCTCTCAGCAAC
AAGTCTGGAGACAACCGCGCAAGTTCAAGGTGGAGTCTTCCGCAAGAAGTACCACCTGGGAGCCCCGG
TGGCCGGCACGTGCTTCCAGGCAGAGTGGGATGACTCTGTGCCAAAGCTGCATGATCAGCTGGCTGGGAA
GTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017236
Insert Size: 564 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_017236.1</u> , <u>NP_058932.1</u>
RefSeq Size:	1075 bp
RefSeq ORF:	564 bp
Locus ID:	29542
UniProt ID:	<u>P31044</u>
Cytogenetics:	12q16
Gene Summary:	lipid binding protein; enhances acetylcholine synthesis in medial septal regions; human homolog (RKIP) has been shown to inhibit MEK- and ERK- signalling pathways [RGD, Feb 2006]