

Product datasheet for SC205517

PCBP1 (NM_006196) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PCBP1 (NM_006196) Human 3' UTR Clone
Symbol:	PCBP1
Synonyms:	HEL-S-85; hnRNP-E1; hnRNP-X; HNRPE1; HNRPX
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006196
Insert Size:	419 bp
Insert Sequence:	>SC205517 3'UTR clone of NM_006196 The sequence shown below is from the reference sequence of NM_006196. 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
TCCTCTGAGAAGGGCATGGGGTGCAGCTAGAACAGTGTAGGTTCCCTCAATAACCCCTTTCTGCTGTTC
TCCCATGATCCAAGTGTAAATTTCTGGTCAGTGATTCCAGGTTTTAAATAATTTGTAAGTGTTCAGTT
TCTACACAAGTTTATCATCCGCTAAGAATTTAAAAATCACATTCTCTGTTTCAGCTGTTAATGCTGGGAT
CCATATTTAGTTTTATAAGCTTTTCCCTGTTTTAGTTTTGTTTTGGGTTTTTTGGCTCATGAATTTTA
TTTCTGTTTGTGATAAGAAATGTAAGAGTGGAATGTTAATAAATTTAGTTTAGTTCTGTAATGTCAA
GAATTTAAGAATTAACGATTGGTTAAAAATGCTTCATATTTGAAAAAGCTGGGAATTGCTGTC
TTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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.



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RefSeq: [NM_006196.4](#)

Summary: This intronless gene is thought to have been generated by retrotransposition of a fully processed PCBP-2 mRNA. This gene and PCBP-2 have paralogues (PCBP3 and PCBP4) which are thought to have arisen as a result of duplication events of entire genes. The protein encoded by this gene appears to be multifunctional. It along with PCBP-2 and hnRNPk corresponds to the major cellular poly(rC)-binding protein. It contains three K-homologous (KH) domains which may be involved in RNA binding. This encoded protein together with PCBP-2 also functions as translational coactivators of poliovirus RNA via a sequence-specific interaction with stem-loop IV of the IRES and promote poliovirus RNA replication by binding to its 5'-terminal cloverleaf structure. It has also been implicated in translational control of the 15-lipoxygenase mRNA, human Papillomavirus type 16 L2 mRNA, and hepatitis A virus RNA. The encoded protein is also suggested to play a part in formation of a sequence-specific alpha-globin mRNP complex which is associated with alpha-globin mRNA stability. [provided by RefSeq, Jul 2008]

Locus ID: 5093

MW: 15.8