

Product datasheet for SC317329

PEBP4 (NM_144962) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PEBP4 (NM_144962) Human Untagged Clone
Tag:	Tag Free
Symbol:	PEBP4
Synonyms:	CORK-1; CORK1; GWTM1933; HEL-S-300; hPEBP4; PEBP-4; PRO4408
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317329 representing NM_144962. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGGTTGGACAATGAGGCTGGTCACAGCAGCACTGTTACTGGGTCTCATGATGGTGGTCACTGGAGAC
 GAGGATGAGAACAGCCGTGTGCCCATGAGGCCCTCTTGACGAGGACACCCTCTTTGCCAGGGCCTT
 GAAGTTTTCTACCCAGAGTTGGGAACATTGGCTGCAAGGTTGTTCTGATTGTAACACTACAGACAG
 AAGATCACCTCTGGATGGAGCCGATAGTCAAGTTCCCGGGGGCCGTGGACGGCGCAACCTATATCCTG
 GTGATGGTGGATCCAGATGCCCTAGCAGAGCAGAACCAGACAGAGATTCTGGAGACATTGGCTGGTA
 ACAGATATCAAGGGCGCCGACCTGAAGAAAGGGAAGATTAGGGCCAGGAGTTATCAGCCTACCAGGCT
 CCCTCCCCACCGGCACACAGTGGCTTCCATCGCTACCAGTTCTTTGTCTATCTTCAGGAAGGAAAAGTC
 ATCTCTCTCCTTCCCAAGGAAAACAAAACCTCGAGGCTCTTGAAAAATGGACAGATTTCTGAACCGTTTC
 CACCTGGGCGAACCTGAAGCAAGCACCCAGTTTCATGACCCAGAACTACCAGGACTCACCAACCCTCCAG
 GCTCCAGAGAAAGGGCCAGCGAGCCCAAGCACAAAACAGGCGGAGATAGCTGCCTGC TAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_144962
Insert Size:	684 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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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_144962.2
RefSeq Size:	901 bp
RefSeq ORF:	684 bp
Locus ID:	157310
UniProt ID:	Q96S96
Cytogenetics:	8p21.3
MW:	25.7 kDa
Gene Summary:	The phosphatidylethanolamine (PE)-binding proteins, including PEBP4, are an evolutionarily conserved family of proteins with pivotal biologic functions, such as lipid binding and inhibition of serine proteases (Wang et al., 2004 [PubMed 15302887]).[supplied by OMIM, Dec 2008]