

Product datasheet for SC126059

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_144962 edited

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ACTTGTGTCGGGTGGTGGACTGGATTAGCTGCGGAGCCCTGGAAGCTGCCTGTCCTTCT
CCCTGTGCTTAACCAGAGGTGCCCATGGGTTGGACAATGAGGCTGGTTACAGCAGCACTG
TTACTGGGTCTCATGATGGTGGTCACTGGAGACGAGGATGAGAACAGCCCGTGTGCCCAT
GAGGCCCTCTTGGACGAGGACACCCTCTTTGCCAGGGCCTTGAAGTTTCTACCCAGAG
TTGGGGAACATTGGCTGCAAGGTTGTTCTGATTGTAACAACACAGACAGAAGATCACC
TCCTGGATGGAGCCGATAGTCAAGTTCCCGGGGGCCGTGGACGGCGCAACCTATATCCTG
GTGATGGTGGATCCAGATGCCCCTAGCAGAGCAGAACCCAGACAGAGATTCTGGAGACAT
TGGCTGGTAACAGATATCAAGGGCGCCGACCTGAAGGAAGGGAAGATTGAGGGCCAGGAG
TTATCAGCCTACCAGGCTCCCTCCCAACCGGCACACAGTGGCTTCCATCGCTACCACTTC
TTTGTCTATCTTCAGGAAGGAAAAGTCATCTCTCTCTTCCCAAGGAAAACAAAACCTCGA
GGCTCTTGAAAAATGGACAGATTCTGAACCGCTTCCACCTGGGCGAACCTGAAGCAAGC
ACCCAGTTCATGACCCAGAACTACCAGGACTCACCAACCTCCAGGCTCCAGAGGAAGG
GCCAGCGAGCCCAAGCACAAAACCAGGCGGAGATAGCTGCCTGCTAGATAGCCGGCTTTG
CCATCCGGGATGTGGCCCACTGCTCACCACCGACGATGTGGGTATGGAACCCCTCTG
GATACAGAACCCCTTCTTTCCAAATTAATAAAAAAAAAATCATCCGAAAAAAAAAAAAAA
AAAAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_144962 unedited <pre> NGGTCAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCCATTACGGCCGGG ACTTGTGTCCGGTGGTGGACTGGATTAGCTGCGGAGCCCTGGAAGCTGCCTGCTTCT CCCTGTGCTTAACCAGAGGTGCCCATGGTTGGACAATGAGGCTGGTTACAGCAGCACTG TTACTGGGTCTCATGATGGTGGTCACTGGAGACGAGGATGAGAACAGCCCGTGTGCCCAT GAGGCCCTCTTGGACGAGGACACCCTCTTTGCCAGGGCCTTGAAGTTTCTACCCAGAG TTGGGGAACATTGGCTGCAAGGTTGTTCTGATTGTAACAACACAGACAGAAGATCACC TCCTGGATGGAGCCGATAGTCAAGTTCCCGGGGGCCGTGGACGGCGCAACCTATATCCTG GTGATGGTGGATCCAGATGCCCCTAGCAGAGCAGAACCAGACAGAGATTCTGGAGACAT TGGCTGGTAACAGATATCAAGGGCGCCGACCTGANAGAAGGGAAGATTCCANGGCCAGGAG TTATCAGCCTACCANGCTCCCTCCCCACCGGCACACAGTGGCTTCCATCGCTACCACTTC TTTGTCTATCTTCANGAAAGAAAGTCATCTCTCTCTTCCCAAGGAAACAAAACCTCGA GGCTCTTGAAAAATGGACAGATTCTGAACCGCTTCCACCTGNGCGAACCTGAAGCAAGC ACCCAGTTCATGACCCAGAACTACCAGGACTACCAACCCTCCAGGCTCCCANAGGAAGG GCCAGCGAGCCCAACACAAAACCAGGCGGAGATAGCTGCCTGCTAGATAGCCCGCTTTGC CATCCNGGCATGTGGCCCACTGCTCACCACCGAGATGTGGGTATGGAACCCCTCTGGA ACAGACCCCNNTCTTTCAAATTAATAAAAAATCATCGAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_144962
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).
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:	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_144962.1</u> , <u>NP_659399.1</u>
RefSeq Size:	914 bp
RefSeq ORF:	672 bp
Locus ID:	157310
UniProt ID:	<u>Q96S96</u>
Cytogenetics:	8p21.3
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]