

## Product datasheet for **SC105014**

### ACRBP (NM\_032489) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ACRBP (NM_032489) Human Untagged Clone
Tag:	Tag Free
Symbol:	ACRBP
Synonyms:	CT23; OY-TES-1; SP32
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_032489 edited  
 AGAGGGCGGCTTGTGTCCACGGGACGCGGGCGGATCTTCTCCGGCCATGAGGAAGCCAGCC  
 GCTGGCTTCCCTTCCCTCACTCCTGAAGGTGCTGCTCCTGCCTCTGGCACCTGCCGAGCC  
 CAGGATTGACTCAGGCCTCCACTCCAGGCAGCCCTCTCTCTACCGAATACGAACGC  
 TTCTTCGCACTGCTGACTCCAACCTGGAAGGCAGAGACTACCTGCCGTCTCCGTGCAACC  
 CACGGCTGCCGGAATCCCACACTCGTCCAGCTGGACCAATATGAAAACCAGCGCTTAGTG  
 CCCGATGGTGTCTGCTGCTCCAACCTCCCTTATGCCTCCTGGTTTGAGTCTTTCTGCCAG  
 TTTCACTACTACCGTTGCTCCAACACGCTACTATGCCAAGAGAGTCCTGTGTTCCAG  
 CCACTCTATTCTCTCACCTAACACTCTCAAGGAGATAGAAGCTTCAGCTGAAGTCTCA  
 CCCACCACGATGACCTCCCCATCTCACCCACTTCACAGTGACAGAACGCCAGACCTTC  
 CAGCCCTGGCCTGAGAGGCTCAGCAACAACGTGGAAGAGCTCCTACAATCCTCCTGTCC  
 CTGGGAGGCCAGGAGCAAGCGCCAGAGCACAAGCAGGAGCAAGGAGTGGAGCACAGGCAG  
 GAGCCGACACAAGAACAAGCAGGAAGAGGGGCAGAAACAGGAAGAGCAAGAAGAGGAA  
 CAGGAAGAGGAGGAAAGCAGGAAGAAGGACAGGGGACTAAGGAGGACGGGAGGCTGTG  
 TCTCAGCTGCAGACAGACTCAGAGCCCAAGTTTACTCTGAATCTCTATCTTCTAACCT  
 TCCTCTTTTGTCCCGGTACGAGAAGTAGAGTCTACTCTATGATAATGGAGAACATC  
 CAGGAGCTCATTGATCAGCCCAGGAAATAGATGAAATGAATGAAATATATGATGAGAAC  
 TCTACTGGAGAAACAAAACCTTGGCAGCCTCCTGCAGCTGCCCCACACAGAGGCTTG  
 CTGGTGTGTGCTATTCGATCGTGGAGAATACCTGCATCATAACCCACAGCCAAGGCC  
 TGGAAATACATGGAGGAGGAGATCCTTGGTTTCGGGAAGTCGGTCTGTGACAGCCTTGGG  
 CGGCGACACATGTCTACCTGTGCCCTCTGTGACTTCTGCTCCTGAAGCTGGAGCAGTGC  
 CACTCAGAGGCCAGCCTGCAGCGGCAACAATGCGACACCTCCCACAAGACTCCCTTTGTC  
 AGCCCTTGTCTGCCCTCCAGAGCCTGTCCATCGGCAACCAGGTAGGGTCCCAGAAATCA  
 GGCCGCTTTTACGGGCTGGATTTGTACGGTGGGCTCCACATGGACTTCTGGTGTGCCCG  
 CTTGCCACGAAAGGCTGTGAAGATGTCCGAGTCTCTGGGTGGCTCCAGACTGAGTTCCTT  
 AGCTTCCAGGATGGGATTTCCCTACCAAGATTTGTGACACAGACTATATCCAGTACCCA  
 AACTACTGTTCCCTTCAAAGCCAGCAGTGTCTGATGAGAAACCGCAATCGGAAGGTGTC  
 CGCATGAGATGTCTGCAGAATGAGACTTACAGTGCCTGAGCCCTGGCAAAAGTGAGGAC  
 GTTGTGCTTCGATGGAGCCAGGAGTTCAGCACCTTGACTCTAGGCCAGTTCGGATGAGCT  
 GGCCTCTATTCTGCCACACCCAGCCCAACCTGCCACGTTCTCTATTGTTTTGAGACC  
 CCATTGCTTTCAGGCTGCCCTTCTGGGTCTGTTACTCGGCCCTACTCACATTTCTTG  
 GGTGGAGCAACAGTCCCAGAGAGGGCCACGGTGGGAGCTGCGCCCTCCTTAAAAGATGA  
 CTTTACATAAAATGTTGATCTTCAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_032489 unedited  
 GGGAAATACGATTTTGTAAACGACTCACTATAGGCGGCCGATAACTTCGTATAGCATA  
 ATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGA  
 GGCGGCTTGTGTCCACGGGACGCGGGCGGATCTTCTCCGCCATGAGGAAGCCAGCCGCT  
 GGCTTCCCTTCCCTCACTCCTGAAGGTGCTGCTCCTGCCTCTGGCACCTGCCGAGCCAG  
 GATTCGACTCAGGCCTCCACTCCAGGCAGCCCTCTCTCTCCTACCGAATACGAACGCTTC  
 TTCGCACTGCTGACTCCAACCTGGAAGGCAGAGACTACCTGCCGTCTCCGTGCAACCCAC  
 GGCTGCCGGAATCCCACACTCGTCCAGCTGGACCAATATGAAAACCAGGCTTAGTGCC  
 GATGGTGTGTGCTCCAACCTCCCTTATGCCTCCTGGTTTGAGTCTTTCTGCCAGTTC  
 ACTCACTACCGTTGCTCCAACACGCTACTATGCCAAGAGAGTCTGTGTTCCAGCCA  
 GTCTCTATTCTCTCACCTAACACTCTCAAGGAGATAGAAGCTTCAGCTGAAGTCTCACCC  
 ACCACGATGACCTCCCCATCTCACCCACTTCACAGTGACAGAACGCCAGACCTTCCAG  
 CCCTGGCCTGAGAGGCTCAGCAACAACGTGGAAGAGCTCCTACAATCCTCCTTGTCCCTG  
 GGAGGCCAGGAGCAAGCGCCAGAGCACAAGCAGGAGCAAGGAGTGGAGCACAGGCAGGAG  
 CCGACACAAGAACAAGCAGGAAGAGGGGCAGANACAGGTAGAGCAAGAAGAGGAACAG  
 GGAGAGGAGGGGAAAGCAGNAGAATGACAGGGGACTAACGTAGGACGGTAGGCTGTG

**Restriction Sites:** Please inquire

<b>ACCN:</b>	NM_032489
<b>Insert Size:</b>	1904 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_032489.2</a> , <a href="#">NP_115878.2</a>
<b>RefSeq Size:</b>	1886 bp
<b>RefSeq ORF:</b>	1632 bp
<b>Locus ID:</b>	84519
<b>UniProt ID:</b>	<a href="#">Q8NEB7</a>
<b>Cytogenetics:</b>	12p13.31
<b>Protein Families:</b>	Secreted Protein
<b>Gene Summary:</b>	The protein encoded by this gene is similar to proacrosin binding protein sp32 precursor found in mouse, guinea pig, and pig. This protein is located in the sperm acrosome and is thought to function as a binding protein to proacrosin for packaging and condensation of the acrosin zymogen in the acrosomal matrix. This protein is a member of the cancer/testis family of antigens and it is found to be immunogenic. In normal tissues, this mRNA is expressed only in testis, whereas it is detected in a range of different tumor types such as bladder, breast, lung, liver, and colon. [provided by RefSeq, Jul 2008]