

Product datasheet for **SC122499**

EBAG9 (BC017729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EBAG9 (BC017729) Human Untagged Clone
Tag:	Tag Free
Symbol:	EBAG9
Synonyms:	cancer associated surface antigen; EB9; estrogen receptor binding site associated, antigen, 9; estrogen receptor binding site associated antigen 9; PDAF; RCAS1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC017729 edited

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CAGGCTGCTACGGAGCGCGCCCGGCTTTGAATGAGCGGGGCTGGGAGTGAGCGGGCGG
AGCGCGAGCTCGAGGAAGAGACAGGCAGCGCGCTGAGCGCGCCTTGTGTGCGCGCGCGG
CCCGCGGACAGCTCGGAGCCTCCGCCGGGCGGGGAGGGGGAGGGGCAGGTTTTGATT
CCCACCATGGCCATCACCCAGTTTCGGTTATTTAAATTTTGTACCTGCCTAGCAACAGTA
TTCTCATTCTAAAGAGATTAATATGCAGATCTGGCAGAGGACGAAATTAAGTGGAGAC
CAAATAACTTTGCCAACTACAGTTGATTATTCATCAGTTCCTAAGCAGACAGATGTTGAA
GAGTGGACTTCTGGGATGAAGATGCACCCACCAGTGTAAAGATCGAAGGAGGGAATGGG
AATGTGGCAACACAACAAAATTCTTTGGAACAACCTGGAACCTGACTATTTAAGGACATG
ACACCAACTATTAGGAAAACCTAGAAAATTGTTATTAAGAAGAGAGAACCATTGAATTTT
GGCATCCCAGATGGGAGCACAGGTTTCTCTAGTAGATTAGCAGCTACACAAGATCTGCCT
TTTATTCATCAGTCTTCTGAATTAGGTGACTTAGATACCTGGCAGGAAAATACCAATGCA
TGGGAAGAAGAAGATGCAGCCTGGCAAGCAGAAGAAGTTCTGAGACAGCAGAAACTA
GCAGACAGAGAAAAGAGAGCAGCCGAACAACAAAGGAAGAAAATGGAAAAGGAAGCACA
CGGCTAATGAAGAAGGAACAAAACAAAATTGGTGTGAACTTTTCATAACACATGTTCAAA
TTTTATCATGCCAGTAGGAGAAATCTCAGCTCCACAACCAAGCAACATTTGTATGGATT
TAAGAGTATTTAAGAAGACATACTGCTTGATTTAATACATTGATCAGGCCATCCAGGA
CACCACGATTCTCCAAAGTACCTTGAACCTTAGTGATTGAGACTCAAAAAACAAAAA
AGACTTGAGACAATGTTTTCTTCAACATGCTCCAAATATAAGACATTTGTTTGCTGTACA
GAAAGTATCACAATGGAATATATCAGTACCTCTCAAGCTAGTGTCTTAGCTAAATAAA
TGGGTGTATATAATTTTATGGTGGAAAAGAACTGACTGTCTGTATGATTTCTTCAAT
GTGCATAATGATAAAAATAAATAATTTTAAATTTCAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BC017729 unedited</p> <pre> CCCCGTTTGGATTTGNATACGACTTATATAGGGCGGCCGCGATTCCCGGGATATCGTCGAC CCACGCGTCCGCAGGCTGCTACGGAGCGCGCCCGGCTTTGAATGAGCGGGGCTGGGAG TGAGCGGGCGGAGCGCGAGCTCGAGGAAGAGACAGGCAGCGCGCTGAGCGGCCCTTGTG TGCGCGCGCGGCCCGCGCAGCTCGGAGCCTCCGCCGGCGGGCGGGGAGGGGAGGGGC AGGTTTTGATTCCCACCATGGCCATCACCCAGTTTCGGTTATTTAAATTTGTACCTGCC TAGCAACAGTATTCTCATTCTCTAAAGAGATTAATATGCAGATCTGGCAGAGGACGGAAT TAAGTGGAGACCAATAACTTTGCCAACTACAGTTGATTATTCATCAGTTCCTAAGCAGA CAGATGTTGAAGAGTGGACTTCCTGGGATGAAGATGCACCCACCCAGTGTAAAGATCGAAG GAGGGAATGGGAATGTGGCAACACAACAAAATTCTTTGGAACAACTGGAACCTGACTATT TTAAGGACATGACACCAACTATTAGGAAAACCTCAGAAAATTGTTATTAAGAAGAGAGAAC CATTGAATTTTGGCATCCAGATGGGAGCACAGGTTTCTCTAGTAGATTAGCAGCTACAC AAGATCTGCCTTTTATTCATCAGTCTTCTGAATTAGGTGACTTAGATACCTGGCAGGAAA ATACCAATGCATGGGAAAGAGAAGAAGATGCAGCCTGGCAAGCAGAAGAAGTTCTGAGAC AGCNGAACTAGCAGACAGAGAAAAGAGAGCAGCCGAAACACANAGGAAGAAAATGGAAA GGGAGCACAAACGGCTAATGGAGAANGGGACANACANAATTGTGTGAAACTTTCATACACA TGTTA </pre>
Restriction Sites:	Please inquire
ACCN:	BC017729
Insert Size:	1252 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).
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>BC017729.1</u> , <u>AAH17729.1</u>
RefSeq Size:	1252 bp
Locus ID:	9166
Cytogenetics:	8q23.2
Protein Families:	Druggable Genome

Gene Summary:

This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen is mediated by estrogen receptor, which binds to the estrogen-responsive element found in the 5'-flanking region of this gene. The encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Alternate splicing results in multiple transcript variants. A pseudogene of this gene has been defined on chromosome 10. [provided by RefSeq, Jul 2013]