

## Product datasheet for SC303455

### EBAG9 (NM\_004215) Human Untagged Clone

#### Product data:

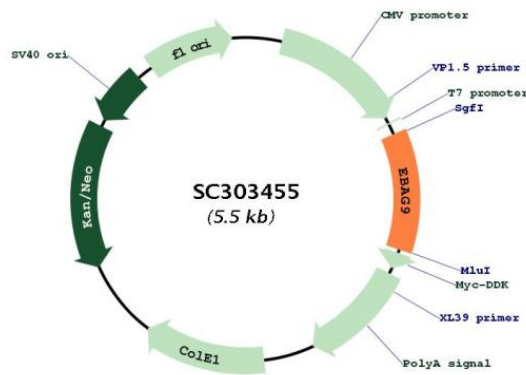
Product Type:	Expression Plasmids
Product Name:	EBAG9 (NM_004215) Human Untagged Clone
Tag:	Tag Free
Symbol:	EBAG9
Synonyms:	EB9; PDAF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303455 representing NM_004215. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCATCACCCAGTTTCGGTTATTTAAATTTGTACCTGCCTAGCAACAGTATTCTCATTCTAAAG
AGATTAATATGCAGATCTGGCAGAGGACGGAAATTAAGTGGAGACCAAATAACTTTGCCAACTACAGTT
GATTATTCATCAGTTCCTAAGCAGACAGATGTTGAAGAGTGGACTTCTGGGATGAAGATGCACCCACC
AGTGTAAGATCGAAGGAGGGAATGGGAATGTGGCAACACAACAAAATCTTTGGAACAACCTGGAACCT
GACTATTTAAGGACATGACACCAACTATTAGGAAAACAGAAAATTGTTATTAAGAAGAGAGAACCA
TTGAATTTTGGCATCCCAGATGGGAGCACAGGTTTCTCTAGTAGATTAGCAGCTACACAAGATCTGCCT
TTTATTCATCAGTCTTCTGAATTAGGTGACTTAGATACCTGGCAGGAAAATACCAATGCATGGGAAGAA
GAAGAAGATGCAGCCTGGCAAGCAGAAGAAGTTCTGAGACAGCAGAAAACAGCAGACAGAAAAAGAGA
GCAGCCGAACAACAAAGGAAGAAAATGGAAAAGGAAGCACAACGGCTAATGAAGAAGGAACAAAACAAA
ATTGGTGTGAACTTTCA TAA
ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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**Plasmid Map:**


**ACCN:** NM\_004215

**Insert Size:** 642 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).

**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:**

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\\_004215.4](#)

RefSeq Size: 2495 bp

RefSeq ORF: 642 bp

Locus ID: 9166

UniProt ID: [O00559](#)

Cytogenetics: 8q23.2

Protein Families: Druggable Genome

MW: 24.4 kDa

**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]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.