

Product datasheet for **RG205364**

EBAG9 (NM_004215) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | EBAG9 (NM_004215) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | EBAG9 |
| Synonyms: | EB9; PDAF |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG205364 representing NM_004215 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCATCACCCAGTTTCGGTTATTTAAATTTGTACCTGCCTAGCAACAGTATTCTCATTCTAAAGA
GATTAATATGCAGATCTGGCAGAGGACGGAAATTAAGTGGAGACCAAATAACTTTGCCAACTACAGTTGA
TTATTCATCAGTTCCTAAGCAGACAGATGTTGAAGAGTGGACTTCCTGGGATGAAGATGCACCCACCAGT
GTAAGATCGAAGGAGGGAATGGGAATGTGGCAACACAACAAAATCTTTGGAACAACCTGGAACCTGACT
ATTTTAAGGACATGACACCAACTATTAGGAAAACCTCAGAAAATTGTTATTAAGAAGAGAGAACCATTGAA
TTTTGGCATCCCAGATGGGAGCACAGGTTTCTCTAGTAGATTAGCAGCTACACAAGATCTGCCTTTTATT
CATCAGTCTTCTGAATTAGGTGACTTAGATACCTGGCAGGAAAATACCAATGCATGGGAAGAAGAAGAAG
ATGCAGCCTGGCAAGCAGAAGAAGTTCTGAGACAGCAGAAAACCTAGCAGACAGAGAAAAGAGAGCAGCCGA
ACAACAAGGAAGAAAATGGAAGGAAGCACAACGGCTAATGAAGAAGGAACAAAACAAAATTTGGTGTG
AACTTTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG205364 representing NM_004215
 Red=Cloning site Green=Tags(s)

MAITQFRLFKFCTCLATVFSFLKRLICRSGRGRKLSGDQITLPTTVDYSSVPKQTDVEEWTSWDEDAPTS
 VKIEGGNGNVATQQNSLEQLPDPYFKDMTPTIRKTQKIVIKKREPLNFGIPDGSTGFSSRLAATQDLPFI
 HQSSELGDLDTWQENTNAWEEEEAAWQAEVLRQOKLADREKRAAEQQRKKMEKEAQRMLMKKEQNKIGV
 KLS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_004215

ORF Size: 639 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_004215.5](#)

RefSeq Size: 1655 bp

RefSeq ORF: 642 bp

Locus ID: 9166

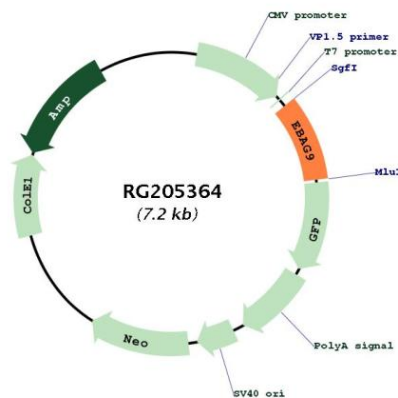
UniProt ID: [O00559](#)

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]

Product images:



Circular map for RG205364