

Product datasheet for **RC205364**

EBAG9 (NM_004215) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EBAG9 (NM_004215) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	EBAG9
Synonyms:	EB9; PDAF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205364 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCATCACCCAGTTTCGGTTATTTAAATTTGTACCTGCCTAGCAACAGTATTCTCATTCTAAAGA
GATTAATATGCAGATCTGGCAGAGGACGGAAATTAAGTGGAGACCAAATAACTTTGCCAACTACAGTTGA
TTATTCATCAGTTCCTAAGCAGACAGATGTTGAAGAGTGGACTTCCTGGGATGAAGATGCACCCACCAGT
GTAAGATCGAAGGAGGGAATGGGAATGTGGCAACACAACAAAATCTTTGGAACAACCTGGAACCTGACT
ATTTTAAGGACATGACACCAACTATTAGGAAAACCTCAGAAAATTGTTATTAAGAAGAGAGAACCATTGAA
TTTTGGCATCCCAGATGGGAGCACAGGTTTCTCTAGTAGATTAGCAGCTACACAAGATCTGCCTTTTATT
CATCAGTCTTCTGAATTAGGTGACTTAGATACCTGGCAGGAAAATACCAATGCATGGGAAGAAGAAGAAG
ATGCAGCCTGGCAAGCAGAAGAAGTTCTGAGACAGCAGAAAACCTAGCAGACAGAGAAAAGAGAGCAGCCGA
ACAACAAGGAAGAAAATGGAAAAGGAAGCACAACGGCTAATGAAGAAGGAACAAAACAAAATTTGGTGTG
AACTTTCA

ACGCGTACGCGGCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: 2495 bp

RefSeq ORF: 642 bp

Locus ID: 9166

UniProt ID: [O00559](#)

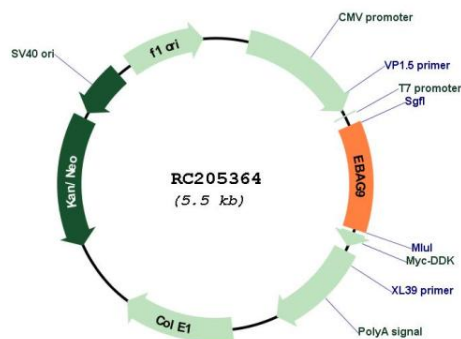
Cytogenetics: 8q23.2

Protein Families: Druggable Genome

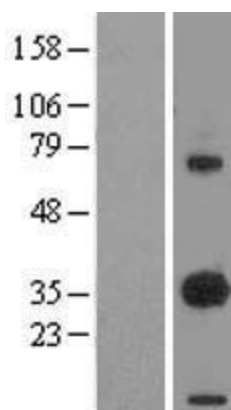
MW: 24.4 kDa

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]

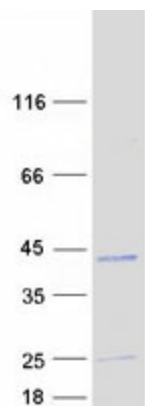
Product images:



Circular map for RC205364



Western blot validation of overexpression lysate (Cat# [LY405069]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC215667] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified EBAG9 protein (Cat# [TP305364]). The protein was produced from HEK293T cells transfected with EBAG9 cDNA clone (Cat# RC205364) using MegaTran 2.0 (Cat# [TT210002]).