

Product datasheet for **RR206393**

Ebag9 (NM_001009665) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ebag9 (NM_001009665) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ebag9
Synonyms: MGC94627
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR206393 representing NM_001009665
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCATCACTCAGTTTCGGTTATTTAAAGTTTGTACCTGCCTAGCAACAGTGTTCGTTCTAAAGA
GATTAATATGCAGATCTGGCAGAGGAAGGAAATTAAGTGGAGACCAAATAACTTTGCCACCACAGTTGA
TTATTCGTCTGCCCTAAGCAGACAGACGTGGAGGAGTGGACTTCCTGGGATGAAGATGCACCCACAAGT
GTGAAGATTGAAGGAGGGACTGGGAATGCAGCAGCGCAGCAGAATCTTTGGAACAACCTGGAGCCTGACT
ATTTCAAGGACATGACACCAACTATACGAAAACGCAGAAAATTGTCATTAAGAAGAGAGAACCATTGAG
TTTTGGTGTCCCAGATGGTAGCACAGGTTTTTCCAGTAGATTGGCAGCTACACAAGATATGCCTTTTATT
CATCAGTCTTCAGAATTAGGTGACTTAGATACATGGCAAGAAAATAGCAATGCATGGGAAGAGGAAGAAG
ATGCAGCCTGGCAAGCAGAAGAAGTTCTGAGGCAGCAGAAAATTGCAGACAGAGAGAAGAGAGCAGCAGA
ACAACAAGGAAGAAAATGGAGAAGGAAGCACAGCGTCTGCTGAAGAAGGAACAAAACAAAATGGGTGTG
AAGCTTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206393 representing NM_001009665
 Red=Cloning site Green=Tags(s)

MAITQFRLFKVCTCLATVLSFLKRLICRSGRGRKLSGDQITLPTTVDYSSVPKQTDVEEWTSWDEDAPTS
 VKIEGGTGNAQAQNSLEQLPDPYFKDMPTPIRKTQKIVIKKREPLSFGVPDGGSTGFSSRLAATQDMPFI
 HQSSELGDLDTWQENSNAWEEEDAAWQAEVLRQQKIADREKRAAEQQRKKMEKEAQRLLKKEQNKMGV
 KLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001009665

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_001009665.1](#), [NP_001009665.1](#)

RefSeq Size: 1978 bp

RefSeq ORF: 642 bp

Locus ID: 299864

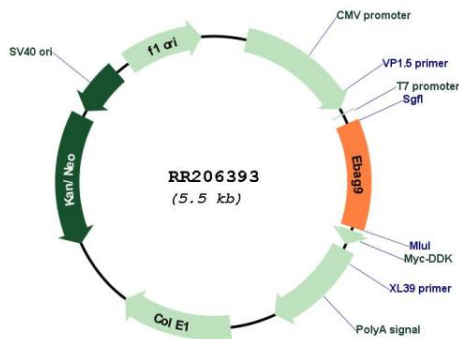
UniProt ID: [Q5PQP2](#)

Cytogenetics: 7q31

MW: 24.2 kDa

Gene Summary: May participate in suppression of cell proliferation and induces apoptotic cell death through activation of interleukin-1-beta converting enzyme (ICE)-like proteases.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR206393