

Product datasheet for **RG228292**

EBNA1 binding protein 2 (EBNA1BP2) (NM_001159936) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	EBNA1 binding protein 2
Synonyms:	EBP2; NOBP; P40
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG228292 representing NM_001159936
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTATCCAGAGGCGCTACCTGTAGGGATCCTAAGCAACCCGGACACTTTCAAACGCCGTAGCGGTTCTCT
ATAGCAACGACAAACCGGAAGTATGGTTTGCCGCGCGAAGCGGAAGTCCCAATCAAAAGTTGAGCAGTAG
CTGTGTGGGACGTGCGTGCAGGAGATGGACACTCCCCCGCTCTCGGATTCGGAGTCGGAATCCGATGAA
TCCCTTGTCACAGACAGAGAGTTGCAGGATGCGTTTTCCGAGGGCTTCTGAAGCCAGGCCCTCAATGTCG
TGCTAGAGGGGCCGAAGAAGGCCGTGAACGACGTGAATGGCCTGAAGCAATGTTTGGCAGAATCAAGCG
GGATCTGGAATGGTTGAAAGGCTCGATGTGACACTGGGTCCGGTACCGGAGATCGGTGGATCTGAGGCG
CCAGCACCTCAGAACAGGACCAGAAAGCTGTTGATCCAGAAGACGACTTCCAGCGAGAGATGAGTTTCT
ATCGCCAAGCCAGGCCGAGTCTTGAGTCTTACCCGCTCCATCAGCTCAAAGTCCCTACGAAGCG
ACCCACTGATTATTTGCGGAAATGGCCAAATCTGATCTGCAGATGCAGAAGATTCGACAGAAGCTGCAG
ACTAAACAGGCTGCCATGGAGAGGTCTGAAAAAGCTAAGCAACTGCGAGCACTTAGGAAATACGGGAAGA
AGGTGCAAACGGAGGTTCTTCAGAAGAGGCAGCAGGAGAAAGCCCATATGATGAATGCTATTAAGAAATA
TCAGAAAGGCTTCTGATAAACTGGATTTCTTGAGGGAGATCAGAAACCTCTGGCACAGCGCAAGAAG
GCAGGAGCCAAAGGCCAGCAGATGAGGAAGGGGCCAGTGCTAAACGACGGTATAAAACCAGAAAGTTTG
GTTTTGGTGGAAAGAAGAGGCTCAAAGTGAACACTCGGGAGAGCTATGATGATGTATCTAGCTTCCG
GGCCAAGACAGCTCATGGCAGAGGCCTCAAGAGGCCTGGCAAGAAAGGTCAAATAAGAGACCTGAAAA
CGAACAGAGAGAAGATGAAGAACAGAACACAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



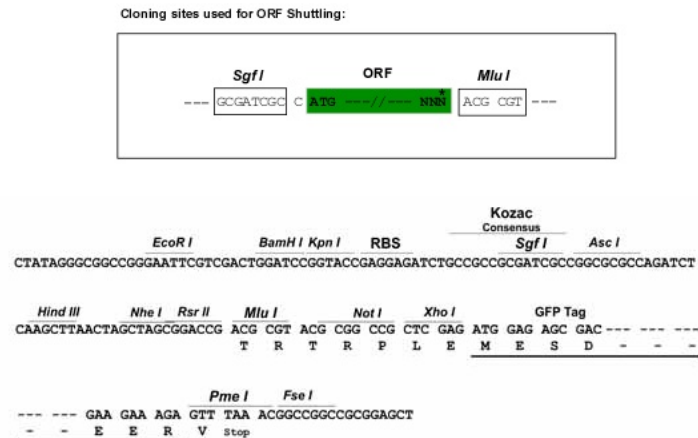
Protein Sequence: >RG228292 representing NM_001159936
Red=Cloning site Green=Tags(s)

MYPEALPVGILSNPDTFKRRSGSYSNDKPEVWF AAGSGSPNQKLSSSCVGRACGEMDTPPLSDSESESD
SLVTDRELQDAFSRGLLKPLNVVLEGPVKAVNDVNLKQCLAEFKRDLEWVERLDVTLGPVPEIGGSEA
PAPQNKDQKAVDPEDDFQREMSFYRQAQAAVLAVLPRLHQLKVPTKRPTDYFAEMAKSDLQMOKIRQKLQ
TKQAAMERSEKAKQLRALRKYGKKVQTEVLQKRQKEKAHMMNAIKKYQKGFSDKLDFLEGDQKPLAQRKK
AGAKGQQMRKGPSAKRRYKNQKFGFGGKKKGSKWNTRESYDDVSSFRAKTAHGRGLKRPGGKGSNKRPGK
RTREKMKNRTH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001159936

ORF Size: 1083 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001159936.1](#), [NP_001153408.1](#)

RefSeq Size: 1514 bp

RefSeq ORF: 1086 bp

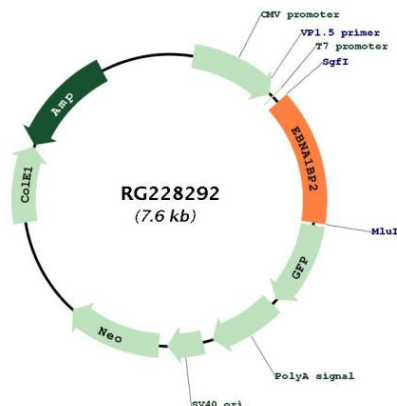
Locus ID: 10969

UniProt ID: [Q99848](#)

Cytogenetics: 1p34.2

Gene Summary: Required for the processing of the 27S pre-rRNA.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG228292