

Product datasheet for **RG223718**

HIVEP2 (NM_006734) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	HIVEP2
Synonyms:	HIV-EP2; MBP-2; MIBP1; MRD43; SHN2; ZAS2; ZNF40B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG223718 representing NM_006734
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RG223718 representing NM_006734

Red=Cloning site Green=Tags(s)

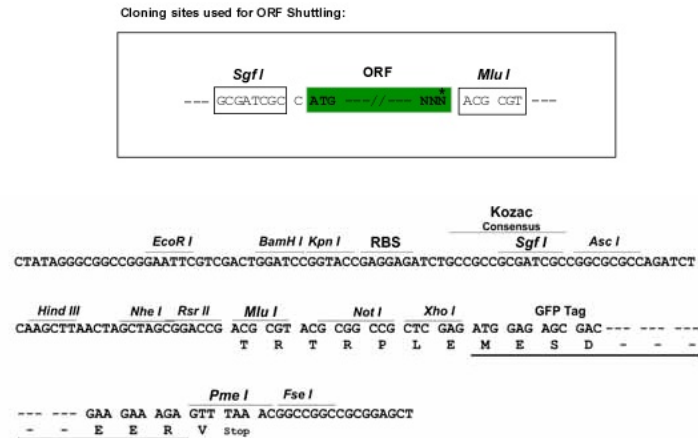
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TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_006734

ORF Size: 7338 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.

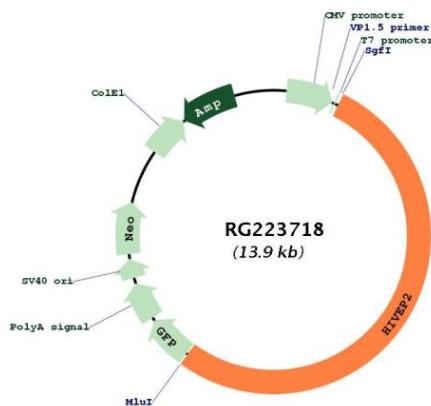
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_006734.4](#)

RefSeq Size: 9732 bp
RefSeq ORF: 7341 bp
Locus ID: 3097
UniProt ID: [P31629](#)
Cytogenetics: 6q24.2

Gene Summary: This gene encodes a member of a family of closely related, large, zinc finger-containing transcription factors. The encoded protein regulates transcription by binding to regulatory regions of various cellular and viral genes that maybe involved in growth, development and metastasis. The protein contains the ZAS domain comprised of two widely separated regions of zinc finger motifs, a stretch of highly acidic amino acids and a serine/threonine-rich sequence. [provided by RefSeq, Nov 2012]

Product images:



Circular map for RG223718