

## Product datasheet for **RG222392**

### **EVI2A (NM\_001003927) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EVI2A (NM_001003927) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EVI2A
Synonyms:	EVDA; EVI-2A; EVI2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG222392 representing NM_001003927 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTGCTTAGGAGTTGGTTTGGAAACAAAGACTTTCAGGCCCTACCTATACTAGCTAGATTGCCAAGCA  
TGCCACGGACATGGAACACACAGGACATTACCTACATCTTGCCTTTCTGATGACAACAGTTTTTCTTT  
GTCTCTGGAACAAAAGCAAATATACCCGTCTGTGGCTAACAGTACTTCTTCTGGGATTCAGTTATT  
CAAAACAAGACAGGCAGAAACAAAATGAAAACATTAACACAAACCCTATAACTCCTGAAGTAGATTATA  
AAGGTAATTCTACAAACATGCCTGAAACATCTCACATCGTAGCTTAACTTCTAAATCTGAACAGGAGCT  
TTATATACCTTCTGTCGTCAGCAACAGTCTTCAACAGTACAGAGCATTGAAAACACAAGCAAAAGTCAT  
GGTGAAATTTTCAAAAAGGATGTCTGTGCGGAAAACAACAACATGGCTATGCTAATTTGCTTAATTA  
TAATTGCAGTGCTTTTTCTATCTGTACCTTTCTATTTCTATCAACTGTGGTTTTGGCAACAAAGTCTC  
TTCTCTCAGACGATCAAAACAAGTAGGCAAGCGTCAGCCTAGAAGCAATGGCGATTTTCTGGCAAGCGGT  
CTATGGCCCGTGAATCAGACACTTGAAAAGAACAACAGCTCACAGGACCAACCTAGTGATGCAAT  
CTACTGGAGTGCTCACAGCTACAAGGAAAAGAAAAGATGAAGAAGGAAGTAAAACTTACTAACAAACA  
GATAGGT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG222392 representing NM\_001003927  
 Red=Cloning site Green=Tags(s)

MLLRSWFGNKDFQALPILARLPSMPTDMEHTGHYLHLAFLMTTVFSLSPGTKANYTRLWANSTSSWDSVI  
 QNKTGRNQENINTNPITPEVDYKGNSTNMPETSHIVALTSKSEQELYIPSVVSNPSTVQSIENTSKSH  
 GEIFKKDVC AENNNMAMLI CLIIIAVLF LICTFLFLSTVVLANKVSSLRRSKQVGRQPRSNDFL ASG  
 LWPAESDTWKRTKQLTGP NLVMQSTGVL TATREKRD EEGTEKLTNKQIG

TRTRPLE - GFP Tag - V

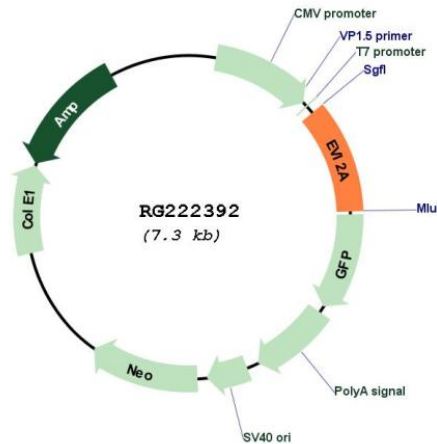
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_001003927

**ORF Size:** 777 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001003927.3</a>
<b>RefSeq Size:</b>	3010 bp
<b>RefSeq ORF:</b>	780 bp
<b>Locus ID:</b>	2123
<b>UniProt ID:</b>	<a href="#">P22794</a>
<b>Cytogenetics:</b>	17q11.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	May complex with itself or/and other proteins within the membrane, to function as part of a cell-surface receptor.[UniProtKB/Swiss-Prot Function]