

Product datasheet for **RG217030**

EVC2 (NM_147127) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EVC2 (NM_147127) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EVC2
Synonyms:	LBN; WAD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG217030 representing NM_147127 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGC**

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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

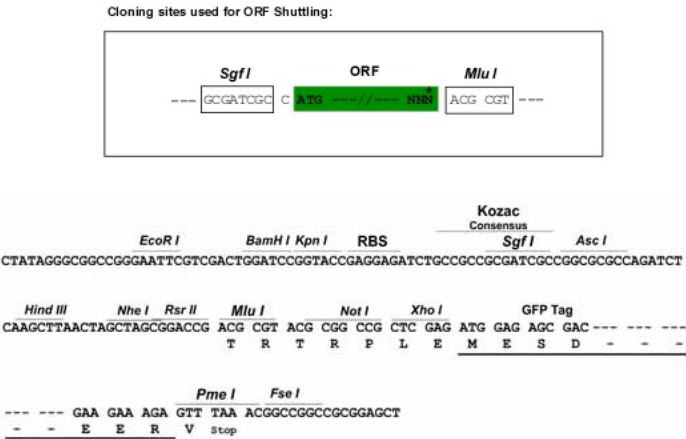
Protein Sequence: >RG217030 representing NM_147127
 Red=Cloning site Green=Tags(s)

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 RSKSKSGKELLKKCIEDKIHLCEEQASEDLVEKVRGELLRERVQRMEAQEGGFAQSLVALQFQKASRVTE
 TLSAYTALLSIQDLLLEELSASEMLTKSACTQILESHSRELQELERKLEDQLVQQEAAQQQALASWQQW
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TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:

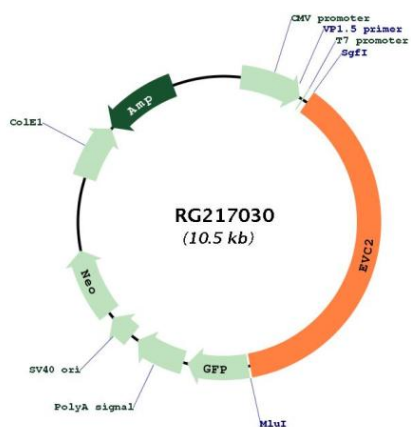


ACCN: NM_147127

ORF Size: 3924 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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_147127.5
RefSeq Size:	4406 bp
RefSeq ORF:	3927 bp
Locus ID:	132884
UniProt ID:	Q86UK5
Cytogenetics:	4p16.2
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a protein that functions in bone formation and skeletal development. Mutations in this gene, as well as in a neighboring gene that lies in a head-to-head configuration, cause Ellis-van Creveld syndrome, an autosomal recessive skeletal dysplasia that is also known as chondroectodermal dysplasia. Mutations in this gene also cause acrofacial dysostosis Weyers type, also referred to as Curry-Hall syndrome, a disease that combines limb and facial abnormalities. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]

Product images:



Circular map for RG217030