

Datasheet for ABIN4933579

## Human ACTR3C ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	ACTR3C
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human ACTR3C with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	633 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTTCGAAT CATTTAACGT TCCAGGACTC TACATTGCAG TTCAGGCAGT GCTGGCCTTG GCGGCATCTT GGACATCTCG ACAAGTGGGT GAACGTACAT TAACGGGGAT AGTCATTGAC AGCGGAGATG GAGTCACCCA TGTTATCCCA GTGGCAGAAG GTTATGTAAT TGGAAGCTGC ATCAAACACA TCCCGATTGC AGGTAGAGAT ATTACGTATT TCATTCAACA GCTGCTAAGG GAGAGGGAGG TGGGAATCCC TCCTGAGCAG TCACTGGAGA CCGCAAAGC CATTAAAGGAG

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## Product Details

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AAATACTGTT ACATTTGCCCGATATAGTC AAGGAATTTG CCAAGTATGA TGTGGATCCC  
CAGAAGTGGA TCAAACAGTA CACGGGTATC AATGCGATCA ACCAGAAGAA GTTTGTTATA  
GACGTTGGTT ACGAAAGATT CCTGGGACCT GAAATATTCT TTCACCCGGA GTTTGCCAAC  
CCAGACTCTA TGGAGTCCAT CTCAGATGTT GTTGATGAAG TAATACAGAA CTGCCCCATC  
GATGTGCGGC GTCCGCTGTA TAAGATGGAA CAAATTCCAC TGAGCTATCC TCAAGGTCAC  
GGATTCCATC CTCTGTCACC TCCATTTTCAT TGA

Specificity:	ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology
Characteristics:	Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	<ul style="list-style-type: none"><li>• Forward primer: 5'-TAATACGACTCACTATAGGG-3'</li><li>• Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'</li></ul>
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

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Gene:	ACTR3C
Alternative Name:	ACTR3C ( <a href="#">ACTR3C Products</a> )
Gene ID:	653857
NCBI Accession:	<a href="#">NM_001164459</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none"><li>• Keep the vial sealed and store at -20°C for long-term storage.</li><li>• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.</li><li>• Open the lid and add 100 µl (or other volume depending on your desired final concentration)</li></ul>

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## Handling

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- of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
  - Close the lid and vortex the vial for 1 minute.
  - Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

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Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)