

Datasheet for ABIN4933525

## Human ADM5 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

|              |                             |
|--------------|-----------------------------|
| Quantity:    | 10 µg                       |
| Gene:        | ADM5                        |
| 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 ADM5 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.  |
| Brand:                | GenEZ™  |
| Insert Length:        | 462 bp  |
| Vector Backbone:      | pcDNA3.1+C-(K)-DYK  |
| Promoter:             | CMV Promoter  |
| Selectable Marker:    | Neomycin  |
| Bacterial Resistance: | Ampicillin  |
| Expression Type:      | Transient, Stable   |
| Sequence:             | ATGACTATCC ACATCCTCAT CCTGCTGTTG CTCCTCGCCT TCTCCGCCCA AGGGGACCTG<br>GACTACTGCAG CCAGGCGAGG CCAGCACCCAG GTCCCCCAGC ACCGCGGGCA CGTCTGCTAC<br>CTGGGCGTAT GCCGGACCCA CCGCCTGGCG GAGATCATAT ACTGGATTCG CTGTCTCCAC<br>CAAGGAGCCC TCGGGGAAGG CCAGCCACGA GCCCCAGGAC CCCTACAGCT ATGGGCGCCG<br>CCGGTGGCGC GAGGCGGAAG CCCGGCTCGG TTCCCAGGAT TCCGGCCTGC AGCGAGGGGG |

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## Product Details

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CTAGCGCAGT GCCCAGCTCG CTGGGTGACC TCGGGCACGG CTCGTCCCCT CCTCGGCTTC  
AGTTTGCCTA TCTGTATGTT GGAGCTTCTA CTCCACATTT CTTCTCCCCT AACTCCAGCC  
CCTGAAACCG TCTTCCCCAG TCCCTCCCCG GGCTGCGACT AG

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: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

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: ADM5

Alternative Name: ADM5 ([ADM5 Products](#))

Gene ID: 199800

NCBI Accession: [NM\\_001101340](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: RT/-20 °C

Storage Comment: 

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) 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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## Handling

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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)