Datasheet for ABIN4942208

# Human THAP9 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

## Overview

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| Quantity: | 10 µg |
| Gene: | THAP9 |
| Species: | Human |
| Fusion tag: | DYKDDDDK Tag |
| Insert: | ORF |
| Vector: | Mammalian Expression Vector |
| Application: | Protein Expression (PExp) |

## Product Details

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| Purpose: | Expression/transfection ready cDNA ORF clone of Human THAP9 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells. |
| Brand: | GenEZ™ |
| Insert Length: | 2712 bp |
| Vector Backbone: | pcDNA3.1+C-(K)-DYK |
| Promoter: | CMV Promoter |
| Selectable Marker: | Neomycin |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Transient, Stable |
| Sequence: | ATGACCCGAA GTTGCTCCGC AGTGGGCTGC AGCACCCGTG ACACCGTGCT CAGCCGGGAG CGCGGCCTCT CCTTCCACCA ATTTCCAACT GATACCATAC AGCGCTCAAA ATGGATCAGG GCTGTTAATC GTGTGGACCC CAGAAGCAAA AAGATTTGGA TTCCAGGACC AGGTGCTATA CTGTGTTCCA AACATTTTCA AGAAAGTGAC TTTGAGTCAT ATGGCATAAG AAGAAAGCTG AAAAAAGGAG CTGTGCCTTC TGTTTCTCTA TACAAGATTC CTCAAGGTGT ACATCTTAAA |

GGTAAAGCAA GACAAAAAAT CCTAAAACAA CCTCTTCCAG ACAATTCTCA AGAAGTTGCT
ACTGAGGACC ATAACTATAG TTTAAAGACA CCTTTGACGA TAGGTGCAGA GAAACTGGCT
GAGGTGCAAC AAATGTTACA AGTGTCCAAA AAAAGACTTA TCTCCGTAAA GAACTACAGG
ATGATCAAGA AGAGAAAGGG TTTACGATTA ATTGATGCAC TTGTAGAAGA GAAACTACTT
TCTGAAGAAA CAGAGTGTCT GCTACGAGCT CAATTTTCAG ATTTTAAGTG GGAGTTATAT
AATTGGAGAG AAACAGATGA GTACTCCGCA GAAATGAAAC AATTTGCATG TACACTCTAC
TTGTGCAGTA GCAAAGTCTA TGATTATGTA AGAAAGATTC TTAAGCTGCC TCATTCTTCC
ATCCTCAGAA CGTGGTTATC CAAATGCCAA CCCAGTCCAG GTTTCAACAG CAACATTTTT
TCTTTTCTTC AACGAAGAGT AGAGAATGGA GATCAGCTCT ATCAATACTG TTCATTGTTA
ATAAAAAGTA TGCCTCTCAA GCAACAGCTT CAGTGGGATC CTAGCAGTCA CAGTTTGCAG
GGGTTTATGG ACTTTGGTCT TGGAAAACTT GATGCTGATG AAACGCCACT TGCTTCAGAA
ACTGTTTTGT TAATGGCAGT GGGTATTTTT GGCCATTGGA GAACACCTCT TGGTTATTTT
TTTGTAAACA GAGCATCTGG ATATTTGCAG GCTCAGCTGC TTCGTCTGAC TATTGGTAAA
CTGAGTGACA TAGGAATCAC AGTTCTGGCT GTTACATCTG ATGCCACAGC ACATAGTGTT
CAGATGGCAA AAGCATTGGG GATACATATT GATGGAGACG ACATGAAATG TACATTTCAG
CATCCTTCAT CTTCTAGTCA ACAGATTGCA TACTTCTTTG ACTCTTGCCA CTTGCTAAGA
TTAATAAGAA ATGCATTTCA GAATTTTCAA AGCATTCAGT TTATTAATGG TATAGCACAT
TGGCAGCACC TCGTGGAGTT AGTAGCACTG GAGGAACAGG AATTATCAAA TATGGAAAGA
ATACCAAGTA CACTTGCAAA TTTGAAAAAT CATGTACTGA AAGTGAATAG TGCCACCCAA
CTCTTTAGTG AGAGTGTAGC CAGTGCATTA GAATATTTGT TATCCTTAGA CCTGCCACCT
TTTCAAAACT GTATTGGTAC CATCCATTTT TTACGTTTAA TTAACAATCT GTTTGACATC
TTTAATAGTA GGAACTGTTA TGGAAAGGGA CTTAAAGGGC CTCTGTTGCC TGAAACTTAC
AGTAAAATAA ACCACGTGTT AATTGAAGCC AAGACTATTT TTGTTACATT ATCTGACACT
AGCAATAATC AAATAATTAA AGGTAAGCAA AAACTAGGAT TCCTGGGATT TTTGCTCAAT
GCTGAGAGCT TAAAATGGCT CTACCAAAAT TATGTTTTCC CAAAGGTCAT GCCTTTTCCT
TATCTTCTGA CTTACAAATT CAGTCATGAT CATCTGGAAT TATTTCTAAA GATGCTTAGG
CAGGTATTAG TAACAAGTTC TAGCCCTACC TGCATGGCAT TCCAGAAAGC TTACTATAAT
TTGGAGACCA GATACAAATT TCAAGATGAA GTTTTTCTAA GCAAAGTAAG CATCTTTGAC
ATTTCAATTG CTCGAAGGAA AGACTTGGCG CTTTGGACAG TTCAACGTCA GTATGGTGTC
AGCGTTACAA AGACTGTCTT TCACGAAGAG GGTATTTGTC AAGACTGGTC TCATTGTTCA
CTAAGTGAGG CATTACTAGA CCTGTCAGAT CATAGGCGAA ATCTCATCTG TTATGCTGGT
TATGTTGCAA ACAAGTTATC AGCTCTTTTA ACTTGTGAGG ACTGCATCAC TGCACTGTAT
GCATCGGATC TCAAAGCCTC TAAAATTGGG TCACTATTAT TTGTTAAAAA GAAGAATGGT
TTGCATTTTC CTTCAGAAAG TCTGTGTCGG GTCATAAATA TTTGTGAGCG AGTTGTAAGA
ACCCATTCAA GAATGGCAAT TTTTGAACTA GTTTCTAAAC AAAGGGAATT GTATCTTCAA
CAGAAAATAT TATGTGAGCT TTCTGGGCAT ATTAATCTTT TTGTAGATGT GAATAAGCAT

## Product Details

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| | CTCTTTGATG GAGAAGTGTG TGCCATCAAT CACTTTGTCA AGTTGCTAAA GGATATAATA ATCTGTTTCT TAAATATCAG AGCTAAAAAT GTTGCACAGA ATCCTTTAAA ACATCATTCA GAGAGAACTG ATATGAAAAC TTTATCAAGG AAACACTGGT CATCTGTACA GGATTATAAA TGTTCAAGTT TTGCTAATAC CAGTAGTAAA TTCAGGCATT TGCTAAGTAA CGATGGATAT CCATTCAAAT GA |
| 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'<br>• 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: | THAP9 |
| Alternative Name: | THAP9 (THAP9 Products) |
| Gene ID: | 79725 |
| NCBI Accession: | NM_024672 |

## 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.<br>• Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.<br>• 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. |

## Handling

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| | • If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.<br>• Close the lid and vortex the vial for 1 minute.<br>• Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C. |
| 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) |