

Datasheet for ABIN4933502

Human AGAP11 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

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|--------------|-----------------------------|
| Quantity: | 10 µg |
| Gene: | AGAP11 |
| 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 AGAP11 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells. |
| Brand: | GenEZ™ |
| Insert Length: | 1653 bp |
| Vector Backbone: | pcDNA3.1+C-(K)-DYK |
| Promoter: | CMV Promoter |
| Selectable Marker: | Neomycin |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Transient, Stable |
| Sequence: | ATGACAATAA TATCTGTGAC CTTGGAGATA CATCATCATA TCACGGAAAG AGATGCAGAT AGATCTTTGA CCATACTTGA TGAACAGTTA TACTCATTTG CGTTTTCCAC CGTGACATT ACGAAGAAAA GAAATGGAGG TGGGAGTTTA AATAACTATT CCTCCTCCAT TCCATTGACT CCCAGCACCA GCCAGGAGGA CCTTTATTC AGTGTTCTC CCACTGCCAA CACACCCACG CCCATTTGCA AGCAGTCCAT GGGCTGGTCC AACCTGTTTA CATCTGAGAA AGGGAGTGAC |

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Product Details

CCAGACAAAG GGAGGAAAGC CCTGGAGAGT CACGCTGACA CCATCGGGAG CGGCAGAGCC
ATCCCCATTA AACAGGGCAT GCTCTTAAAG CGAAGTGGGA AATGGCTGAA GACATGGAAA
AAGAAATATG TCACCCTGTG TTCCAATGGC GTGCTCACCT ATTATTCAAG CTTAGGTGAT
TATATGAAGA ATATTCATAA AAAAGAGATT GACCTTCGGA CATCTACCAT CAAAGTCCCA
GGAAAGTGGC CATCCCTAGC CACATCGGCC TGCGCACCCA TCTCCAGCTC TAAAAGCAAT
GGCCTATCCA AGGACATGGA AGCTCTGCAT ATGTCAGCCA ATTCAGACAT CGGGCTGGGT
GACTCCATAT GCTTCAGCCC CAGTATCTCC AGCACCACCA GCCCCAAGCT CAACCTGCCC
CCCTCCCCTC ATGCCAATAA AAAGAAACAC CTAAAGAAGA AAAGCACCAA CAACTTAAAA
GATGATGGCC TGTCCAGCAC TGCTGAGGAA GAAGAAGAAA AGTTTATGAT TGTGTCCGTC
ACTGGCCAAA CGTGCCACTT TAAAGCCACG ACGTATGAGG AGCGGGATGC CTGGGTCCAA
GCCATCCAGA GCCAGATCCT GGCCAGCCTG CAGTCATGCG AGAGCAGTAA AAGCAAGTCC
CAGCTGACCA GCCAGAGTGA GGCCATGGCC CTGCAGTCGA TCCAAAACAT GCGTGGGAAC
TCCCCTGCG TGGACTGTGA GACCCAGAAT CCTAAGTGGG CCAGTTTGAA CTTGGGAGTC
CTCATGTGTA TTGAATGTTT AGGAATCCAC CGCAGTCTTG GCACCCGCCT TTCCCCTGTG
CGATCTCTGG AGCTGGATGA CTGGCCAGTT GAGCTCAGGA AGGTTATGTC ATCTATTGGC
AATGACCTAG CCAACAGCAT CTGGGAAGGG AGCAGCCAGG GGCAGACGAA ACCCTCAATA
GAGTCAACGA GGAAGAGAA GGAACGGTGG ATCCGTTCCA AATATGAGCA TAAGCTCTTT
CTGGCCCCAC TACCCTGCAC TGAGCTGTCC CTGGGCCAGC ACCTGCTGCG GGCCACCGCT
GATGAGGACC TGCGGACAGC CATCCTGCTG CTGGCACATG GCTCCCCTGA GGAGGTGAAC
GAGACCTGTG GGGAGGGAGA CGGCTGCACG GCGCTCCATC TGGCCTGCCG CAAGGGGAAT
GTGGTCTGCG CGCAGCTCCT GATCTGGTAC GGGGTGGACG TCATGGCCCG AGATGCCAC
GGGAACACAG CGCTGACCTA CGCCCGCAG GCCTCCAGCC AGGAGTGCAT CAACGTGCTT
CTGCAGTACG GCTGCCCCGA CGAGTGCCTG TAG

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|--------------------|--|
| 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">• 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. |

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Target Details

| | |
|-------------------|--|
| Gene: | AGAP11 |
| Alternative Name: | AGAP11 (AGAP11 Products) |
| Gene ID: | 119385 |
| NCBI Accession: | NM_133447 |

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">• 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. |
| 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) |
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