

Datasheet for ABIN4925107

Human PRAMEF4 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

| | |
|--------------|-----------------------------|
| Quantity: | 10 µg |
| Gene: | PRAMEF4 |
| 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 PRAMEF4 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells. |
| Brand: | GenEZ™ |
| Insert Length: | 1437 bp |
| Vector Backbone: | pcDNA3.1+C-(K)-DYK |
| Promoter: | CMV Promoter |
| Selectable Marker: | Neomycin |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Transient, Stable |
| Sequence: | ATGAAGATGA GCATCTGGAC TCCACCCAGA CTCCTGGAGC TTGCAGGGCG GAGCCTGCTA AGGGACCAAG CTTTGGCCAT GTCCACCCTG GAGGAGCTGC CCACAGAACT TTTCCCCCA CTGTTTCATGG AGGCCTTCAG CAGGAGACGC TGTGAGGCC TGAAGCTGAT GGTGCAGTCC TGGCCCTTCC GCCGCCTCCC TCTGAGGCCT CTGATAAAGA TGCCTTGTCT GGAGGCCTTC |

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Product Details

CAAGCTGTGC TCGATGGGCT GGATGCACTG CTTAACCTAG GGGTTCGTCC CAGGAGGTGG
AAACTTCAAG TGCTGGATTT ACAGGATGTC TGTGAGAACT TCTGGATGGT TTGGTCTGAA
GCTATGGCCC ATGGGTGCTT CCTCAATGCC AAGAGGAACA AAAAACCAGT GGAGGACTGT
CCAAGGATGA AAGGACGGCA GCCCTTGA CTGTTCGTAG AACTTTGGCT CAAGAACAGG
ACTCTGGATG AATACCTCAC CTGCCTCCTT CTATGGGTCA AGCAGAGGAA AGATTTACTA
CACCTGTGCT GTAAGAAGCT GAAAATTTTG GGAATGCCCT TCCGCAATAT CAGAAGCATC
CTGAAAATGG TGAACCTAGA CTGTATCCAG GAGGTGGAAG TGAATTGCAA GTGGGTACTG
CCCATCCTGA CACAGTTTAC CCCATACCTG GGCCACATGA GGAATCTTCA GAAACTCATT
CTCTCCCACA TGGATGTCTC TCGCTACGTT TCCCCAGAGC AGAAGAAGGA GATTGTTACC
CAGTTCACCA CTCAGTTCCT CAAGCTGCGC TGCCTCCAAA AGCTTTATAT GAACTCTGTT
TCTTTCCTCG AAGGCCACCT GGACCAGCTG CTCAGCTGTC TGAAGACCTC GTTAAAGTTC
CTCACAATAA CTAAGTGTGT GCTTTTGGAA TCAGACTTGA AGCATCTATC CCAGTGCCCG
AGTATCAGTC AACTAAAGAC CCTGGACCTG AGTGGCATCA GACTGACCAA TTACAGTCTT
GTGCCTCTCC AAATTCTCCT AGAAAAAGTT GCAGCCACCC TTGAGTACCT GGATTTAGAT
GACTGTGGCA TCATAGACTC CCAAGTCAAC GCCATCTTGC CTGCCCTGAG CCGCTGCTTT
GAGCTCAACA CCTTCAGCTT CTGTGGAAAT CCCATCTGCA TGGCCACCCT GGAGAACCTG
CTGAGCCACA CAATCATACT CAAAACTTA TGCCTGGAGC TGTATCCTGC CCCCCGGAG
AGTTATGGTG CTGATGGTAC TCTCTGCTGG AGCAGATTTG CTCAAATTAG GGCTGAGCTG
ATGAACAGAG TGAGGGACTT AAGGCACCCC AAGAGGATCT TGTTCTGTAC TGACTIONTGC
CCTGACTGTG GCAACAGGTC ATTTTATGAC CTGGAGGCAG ATCAATACTG CTGTTGA

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

Gene: PRAMEF4

Alternative Name: PRAMEF4

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Target Details

Gene ID: 400735

NCBI Accession: [NM_001009611](#)

Application Details

Restrictions: For Research Use only

Handling

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.

Expiry Date: 12 months

Publications

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