

Datasheet for ABIN4925115

Human PRAMEF14 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	PRAMEF14
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 PRAMEF14 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1425 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGCATCC AGGCCCCACC CAGACTCCTG GAGCTGGCAG GGCAGAGCCT GCTGAGAGAC CAGGCCTTGT CCATCTCTGC CATGGAGGAG CTGCCAGGG TGCTCTATCT CCCACTCTTC ATGGAGGCCT TCCGCAGGAG ACACTTCCAG ACTCTGACGG TGATGGTGCA GGCCTGGCCC TTCACCTGCC TCCCTCTGGG ATCACTGATG AAGACGCTTC ATTTGGAGAC CTAAAAGCA

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Product Details

TTGCTGGAAG GGCTTCATAT GCTGCTTACA CAGAAGGATC GCCCCAGGAG GTGGAAACTT
CAAGTGCTGG ATTTGCGGGA TGTTGATGAG AATTTCTGGG CCAGATGGCC TGGAGCCTGG
GCCCTGTCCT GCTTCCCAGA GACCATGAGT AAGAGGCAGA CAGCAGAGGA CTGTCCAAGG
ATGGGAGAGC ACCAGCCCTT AAAGGTGTTT ATAGACATCT GCCTCAAGGA AATACCCAG
GATGAATGCC TGAGATACCT CTTTCAGTGG GTTTACCAA GGAGAGGTTT AGTACACCTG
TGCTGTAGTA AGCTGGTCAA TTATCTAACG CCGATTAAAC ATCTCAGAAA GTCATTGAAA
ATAATATACC TGAATAGTAT TCAACAGCTG GAAATTGCA ACATGTCCTG GCCACGCTG
ATAAGAAAGC TTCGTTGTTA CCTGAAGGAG ATGAAGAATC TTCGCAAACCT CGTTTTCTCC
AGGTGCCATC ATTCCATGTC AGATAATGAA CTCGAAGGAC GGTTAGTCAC CAAATTCAGC
TCTGTGTTCC TCAGGCTGGA ACACCTCCAG TTGCTTAAAA TAAAATTGAT CACCTTCTTC
AGTGGGCACC TGGAACAGCT GATCAGGTGC CTCCAGAACC CCTTGGAGAA CTTGGAATTA
ACTTATGGCT ACCTATTGGA AGAAGACATG AAGTGTCTCT CCCAGTACCC AAGCCTCGGT
TACCTAAAGC ATCTGAATCT CAGCTACGTG CTGCTGTTCC GCATCAGTCT TGAACCCCTC
GGAGCTCTGC TAGAGAAAAT TGCTGCCTCT CTCGAAACCC TCATCTTGA GGGCTGTCAG
ATCCACTACT CCCAACTCAG TGCCATCCTG CCTGGCCTGA GCCACTGCTC CCAGCTCACC
ACCTTCTACT TTGGCAGAAA TTGTATGTCT ATGGGTGCC TGAAGGACCT GTTGTGCCAC
ACCAGTGGGC TGAGCAAGTT AAGCCTGGAG ACGTATCCTG CCCCTGAGGA GAGTTTGAAT
TCCTTGGTTC GTGTGATTG GGAGATCTTC GCCCTACTTC GGGCTGAGCT GATGTGTACA
CTGAGGGAAG TCAGGCAGCC CAAGAGGATC TTCATTGGTC CCACCCCCTG CCCTTCTGT
GGCTCATCAC CGTCTGAGGA ACTGGAGCTC CATCTTTGCT GCTAG

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: PRAMEF14

Alternative Name: PRAMEF14 ([PRAMEF14 Products](#))

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Target Details

Gene ID: 729528

NCBI Accession: [NM_001024661](#)

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)