

Datasheet for ABIN4925109

Human PRAMEF22 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	PRAMEF22
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 PRAMEF22 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1446 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAGGATGA GCCTACAGGC CCCACGCAGA CTCCTGGAGC TGGCAGGGCA GAGCCTGCTG GGGGACCAGG CCTTGGCCAT CTCCATCTTG GATGAGCTGC CCAGGGAGCT CTCCCCCA CTGTTCGTGG AGGCCTTCAC TAGCAGACGC TGCAGAGTTC TGAAGGTGAT GGTGCAGGCC TGGCCCTTCC CCTGCCTCCC TCTGGGGTCC CTGATGAAGA CGCCTGATCT GGAGATCTTA

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Product Details

CATTATGTAG TGGATGGGAT TGATTGCCTG CTTGCCCAAA AGGTTGCGCC CAGGAGGTGG
AAACTTCAAG TGCTGGAATT GCGGGATGTT GATGAGAATT TTTGGACCAT ATGGTCTGGA
GCCAGGCCCC TGTCCTGCTC CCCAGAGGCC ATGAGTAAGA GGCAGACAGT GGAGGACTGT
CCAAGGACAG GAGAGAAGCA GCCCTTGAAG GTGTTTCATGG ATGTTTGCCT CAAGGAAAAA
TTCATGGATG AAGATCTGAG CTTCTTCTCT GGGTGGGTCC AGCACAGAAG AGGTTTCAGTA
CACCTGTGCT GACTAAGGT GGTGAATTAT TCAATGAGCA TTCTAAATTT CAGAAACATA
TTGAAACAG TATACCCAGA CAGTATCCAA GTGTTGGAAA TTTGGAACAT GTGCTGGCCC
TGTATGATAG TAGAGTTTAG CCGTTACCTG AGCCAGATGA GGAATCTTCG CAAACTCTTC
ATCTCCGATG GCTGTCGTTA CCTGCTAAGC TCTGACAGCC AAGAACAGTT AGTTGCTGAA
TTCAGCTCTG TGCTCCTCAG GCTGGAGTAC CTCCAGATGC TTTATGTAAG AAGGGTCTGC
TTCTTCAGAG GCCACCTGGA CCAGCTGATC AGGTGCCTCA GGAGCCCATT GGAGACATTG
GCATTAECTT ATGGCTTCCT AGAAAAAGTG GACTTGAAAT GTCTGCCCCG GTACCCAAGT
CTCAGTCAAC TGAAGCAGCT GAATCTGAGT CATGGTGAC TCGCTTCAT CCGTCTTGAG
CCCCTCCGAG CTCTGCTAGA GAAAGTTGCT GCCACTCTTC AGACCCTCTT CTTAGTGGAC
TGTGGGATTC GGGACTCCAA ACTCAGGGTC ATCCTGCCTG CCCTGAGCTG CTGCTCCAAC
CTCACCACTT TCTGTTTTCA CGGCAATGAC ACGTCCATGG ATGGTCTGAA GGACCTGCTG
CGCCACACAG GCAGGCTGAG CAATTTGAGC CTGGAAACAT ATCCTGCCCC TCGGGAGAGT
CTTGATGACA GGGGTCGTGT CATTTCGGAG CTCCTCACCC CACTTCAGGC TGAGCTGATG
CGTATACTGA GGGAAGTAAG GGAGCCCAAA AGGATCTTCT TTGGTCCGGT GTCCTGCCCT
TGCTGTGGCA CGTCGCCCAC TGAGCAACTG GAGTTCAATT TTTGCTTGTG GGGAAGGCCT
GCCTAG

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: PRAMEF22

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Target Details

Alternative Name: PRAMEF22

Gene ID: 653606

NCBI Accession: [NM_001100631](#)

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)