

Datasheet for ABIN4927690

Human LOC101929983 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	PRAMEF27 (LOC101929983)
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 LOC101929983 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 GCATCCGGAC TCCACCCAGA CTCCTGGAGC TTGCGGGGCG GAGCCTGCTG AGGGACCAAG CCTTGGCCAT GTCCACCCTG GAGGAGCTGC CCACAGAACT TTTCCCCCA CTGTTTCATGG AGGCCTTCAG CAGGAGATGC TGTGAGGCC TGAAGCTGAT GGTGCAGGCC TGGCCCTTCC GCCGCCTCCC TCTGAGGCCT CTGATAAAGA TGCCTTGTCT GGAGGCCTTC

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Product Details

CAAGCTGTGC TCGATGGGCT TGATGCACTG CTTACCCAAG GGGTTTGTCC CAGGAGGTGG
AAACTTCAAG TGCTGGATTT ACAGGATGTC TGTGAGAACT TCTGGATGGT TTGGTCTGAA
GCTATGGCCC GTGGGTCCTT CCTCAATGCC AAGAGGAACA AAACACCAGT GCAGGACTGT
CCAAGGATGA GAGGACAGCA GCCCTTGA CTGTTCGTAG AACTTTGGCT CAAGAACAGG
ACTCTGGATG AATACCTCAC CTACCTCCTT CTATGGGTCA AGCAGAGGAA AGATTTACTA
CACCTGTGCT GTAAGAAGCT GAAAATTTTG GGAATGCCCT TCCGCAATAT CAGAAGCATC
CTGAAAATGG TGAACCTAGA CTGTATCCAG GAGGTGGAAG TGAATTGCAA GTGGGTACTG
CCCATCCTGA CACAGTTTAC CCCATACCTG GGCCACATGA GGAATCTTCA GAAGCTCGTT
CTCTCTCACA TGGATGTCTC TCGCTACGTT TCCCCAGAGC AGAAGAAGGA GATTGTTACC
CAGTTCACCA CTCAGTTCCT CAAGCTGCAC TGCCTCCAAA AGCTTTATAT GAACTCTGTT
TCTTTCCTCG AAGGCCACCT GGACCAGCTG CTCAGCTGTC TGAAGACCTC GTTAAAGGTC
CTCACAATAA CTAAGTGTGT GCTTTTGGAA TCAGACTTGA AGCATCTATC CCAGTGCCCG
AGTATCAGTC AACTAAAGAC CCTGGACCTG AGTGGCATCA GACTGACCAA TTACAGTCTT
GTGCTCTCC AAATTCTCCT AGAAAAAGTT GCAGCCACCC TTGAGTACTT GGATTTAGAT
GACTGTGGCA TCATAGACTC CCAAGTCAAC GCCATCCTGC CTGCCCTGAG CCGCTGCTTT
GAGCTCAATG CCTTCAGCTT CTGTGGAAAT CCCATCTCCA TGGCCACCCT GGAGAACCTG
CTGAGCCACA CAATCATACT CAAAACTTA TGCCTGGAGG TGTATCCTGC CCCGCGGGAG
AGTTATGGTG CTGATGGTAC TCTCTGCTGG AACAGATTTG CTCAAATTAG GGCTGAGCTG
ATGAACAGAG TGAGGGACTT AAGGCACCCC AAGAGGATCT TTTTCTGTAT TGATAACTGC
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: PRAMEF27 (LOC101929983)

Alternative Name: LOC101929983

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Target Details

Gene ID: 101929983

NCBI Accession: [NM_001300891](#)

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)