

Datasheet for ABIN4942787

Human PPAN-P2RY11 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	PPAN-P2RY11
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 PPAN-P2RY11 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2385 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGGACAGT CAGGGAGGTC CCGGCACCAG AAGCGCGCCC GCGCCCAGGC GCAGCTCCGC AACCTCGAGG CCTATGCCGC GAACCCGCAC TCGTTCGTGT TCACGCGAGG CTGCACGGGT CGCAACATCC GGCAGCTCAG CCTGGACGTG CGGCGGGTCA TGGAGCCGCT CACTGCCAGC CGTCTGCAGG TTCGTAAGAA GAACTCGCTG AAGGACTGCG TGGCAGTGGC TGGGCCCTC

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GGGGTCACAC ACTTTCTGAT CCTGAGCAAA ACAGAGACCA ATGTCTACTT TAAGCTGATG
CGCCTCCCAG GAGGCCCCAC CTTGACCTTC CAGGTCAAGA AGTACTCGCT GGTGCGTGAT
GTGGTCTCCT CACTGCGCCG GCACCGCATG CACGAGCAGC AGTTTGCCCA CCCACCCCTC
CTGGTACTCA ACAGCTTTGG CCCCCATGGT ATGCATGTGA AGCTCATGGC CACCATGTTC
CAGAACCTGT TCCCCTCCAT CAACGTGCAC AAGGTGAACC TGAACACCAT CAAGCGCTGC
CTCCTCATCG ACTACAACCC CGACTCCCAG GAGCTGGACT TCCGCCACTA TAGCATCAAA
GTTGTTCTG TGGGCGCGAG TCGCGGGATG AAGAAGCTGC TCCAGGAGAA GTTCCCCAAC
ATGAGCCGCC TGCAGGACAT CAGCGAGCTG CTGGCCACGG GCGCGGGGCT GTCGGAGAGC
GAGGCAGAGC CTGACGGCGA CCACAACATC ACAGAGCTGC CTCAGGCTGT CGCTGGCCGT
GGCAACATGC GGGCCCAGCA GAGTGCAGTG CGGCTCACCG AGATCGGCC GCGGATGACA
CTGCAGCTCA TCAAGGTCCA GGAGGGCGTC GGGGAGGGCA AAGTGATGTT CCACAGTTTT
GTGAGCAAGA CGGAGGAGGA GCTGCAGGCC ATCCTGGAAG CCAAGGAGAA GAAGCTGCGG
CTGAAGGCGC AGAGGCAGGC CCAGCAGGCC CAGAATGTGC AGCGCAAGCA GGAGCAGCGG
GAGGCCACA GAAAGAAGAG CCTGGAGGGC ATGAAGAAGG CACGGGTCGG GGGTAGTGAT
GAAGAGGCCT CTGGGATCCC TTCAAGGACG GCGAGCCTGG AGTTGGGTGA GGACGATGAT
GAACAGGAAG ATGATGACAT CGAGTATTTT TGCCAGGCGG TGGGCGAGGC GCCCAGTGAG
GACCTGTTCC CCGAGGCCAA GCAGAAACGG CTTGCCAAGT CTCCAGGGCG GAAGCGGAAG
CGGTGGGAAA TGGATCGAGG TGCCAAGTCC TGCCCTGCCA ACTTCTTGGC AGCTGCCGAC
GACAACTCA GTGGGTTCCA GGGGACTTC CTGTGGCCCA TACTGGTGGT TGAGTTCTCTG
GTGGCCGTGG CCAGCAATGG CCTGGCCCTG TACCGTTCA GCATCCGGAA GCAGCGCCCA
TGGCACCCCG CCGTGGTCTT CTCTGTCCAG CTGGCAGTCA GCGACCTGCT CTGCGCCCTG
ACGCTGCCCC CGCTGGCCGC CTACCTCTAT CCCCCAAGC ACTGGCGCTA TGGGAGGCC
GCGTGCCGCC TGGAGCGCTT CCTCTTACC TGCAACCTGC TGGGCAGCGT CATCTTCATC
ACCTGCATCA GCCTCAACCG CTACCTGGGC ATCGTGCACC CTTCTTCGC CCGAAGCCAC
CTGCGACCCA AGCAGCCTG GGCCGTGAGC GCTGCCGGCT GGGTCTGGC CGCCCTGCTG
GCCATGCCA CACTCAGCTT CTCCACCTG AAGAGGCCGC AGCAGGGGGC GGGCAACTGC
AGCGTGGCCA GGCCCGAGGC CTGCATCAAG TGTCTGGGGA CAGCAGACCA CGGGCTGGCG
GCCTACAGAG CGTATAGCCT GGTGCTGGCG GGGTTGGGCT GCGGCCTGCC GCTGCTGCTC
ACGCTGGCAG CCTACGGCGC CCTCGGGCGG GCCGTGCTAC GCAGCCCAGG CATGACTGTG
GCCGAGAAGC TCGTGTGGC AGCGTTGGTG GCCAGTGGTG TGGCCCTCTA CGCCAGCTCC
TATGTGCCCT ACCACATCAT GCGGGTGCTC AACGTGGATG CTCGGCGGCG CTGGAGCACC
CGCTGCCCGA GCTTTGCAGA CATAGCCCAG GCCACAGCAG CCCTGGAGCT GGGGCCCTAC
GTGGGCTACC AGGTGATGCG GGGCCTCATG CCCCTGGCCT TCTGTGTCCA CCCTCTACTC
TACATGGCCG CAGTGCCAG CCTGGGCTGC TGCTGCCGAC ACTGCCCCGG CTACAGGGAC
AGCTGGAACC CAGAGGACGC CAAGAGCACT GGCCAAGCCC TGCCCCTCAA TGCCACAGCC
GCCCTAAAC CGTCAGAGCC CCAGTCCCCT GAGCTGAGCC AATGA

Product Details

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.

Target Details

Gene:	PPAN-P2RY11
Alternative Name:	PPAN-P2RY11 (PPAN-P2RY11 Products)
Background:	This locus represents naturally occurring read-through transcription between the adjacent PPAN and P2RY11 genes. Alternative splicing results in two transcript variants, one of which encodes a fusion protein that shares sequence identity with each individual gene product. This transcript is found to be ubiquitously expressed and is up-regulated by agents inducing granulocytic differentiation. However, its functional significance in vivo remains unclear. [provided by RefSeq, Nov 2010].
Gene ID:	692312
NCBI Accession:	NM_001040664

Application Details

Restrictions:	For Research Use only
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Handling

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)

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Handling

- 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)