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Product datasheet for RG240235

BAZ2B (NM_001289975) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAZ2B (NM_001289975) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BAZ2B
Synonyms:	WALp4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>RG240235 representing NM_001289975.
Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
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Protein Sequence:

>Peptide sequence encoded by RG240235
Blue=ORF Red=Cloning site Green=Tag(s)

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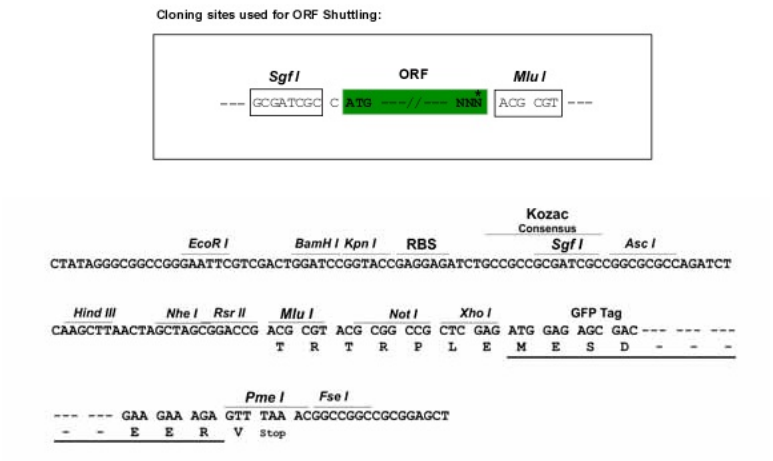
Restriction Sites: SgfI-MluI

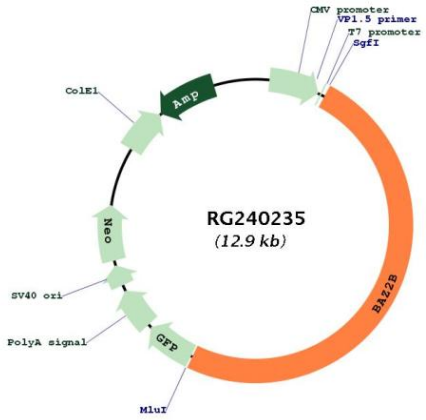
Cloning Scheme:



ACCN:	NM_001289975
ORF Size:	6396 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
RefSeq:	NM_001289975.1, NP_001276904.1
RefSeq Size:	8090 bp
RefSeq ORF:	6399 bp
Locus ID:	29994
UniProt ID:	Q9UIF8
Cytogenetics:	2q24.2
Protein Families:	Druggable Genome
MW:	236.9 kDa

Gene Summary: This gene belongs to the bromodomain gene family. Members of this gene family encode proteins that are integral components of chromatin remodeling complexes. The encoded protein showed strong preference for the activating H3K14Ac mark in a histone peptide screen, suggesting a potential role in transcriptional activation. This gene may be associated with susceptibility to sudden cardiac death (SCD). [provided by RefSeq, Aug 2016]

Product images:



Circular map for RG240235