

Product datasheet for **RG239731**

EPB41L3 (NM_001281533) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPB41L3 (NM_001281533) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EPB41L3
Synonyms:	4.1B; DAL-1; DAL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>RG239731 representing NM_001281533.
Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239731
Blue=ORF Red=Cloning site Green=Tag(s)

MTTESGSDSESKPDQEAEPQEAAGAQRAGAPVPEPPKKEEQQALEQFAAAAAHSTPVRREVDKEQEF
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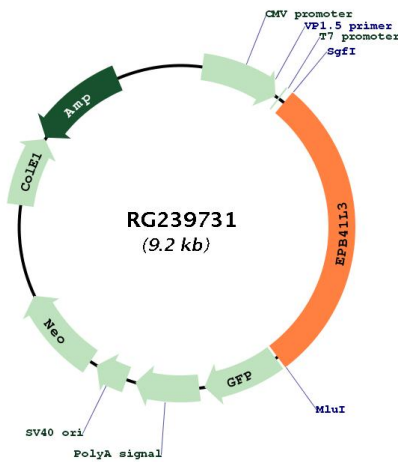
Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:

NM_001281533

ORF Size:	2649 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_001281533.1 , NP_001268462.1
RefSeq Size:	3972 bp
RefSeq ORF:	2652 bp
Locus ID:	23136
UniProt ID:	Q9Y2J2
Cytogenetics:	18p11.31
Protein Pathways:	Tight junction
MW:	98.9 kDa
Gene Summary:	Tumor suppressor that inhibits cell proliferation and promotes apoptosis. Modulates the activity of protein arginine N-methyltransferases, including PRMT3 and PRMT5. [UniProtKB/Swiss-Prot Function]