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Product datasheet for RC231484

POGZ (NM_001194937) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POGZ (NM_001194937) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	POGZ
Synonyms:	MRD37; WHSUS; ZNF280E; ZNF635; ZNF635m
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC231484 representing NM_001194937
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC231484 representing NM_001194937
Red=Cloning site Green=Tags(s)

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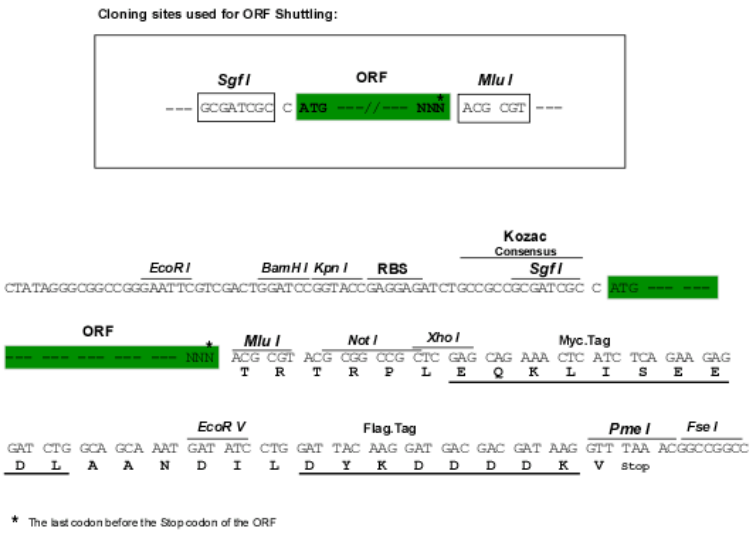
Restriction Sites: SgfI-MluI

Cloning Scheme:

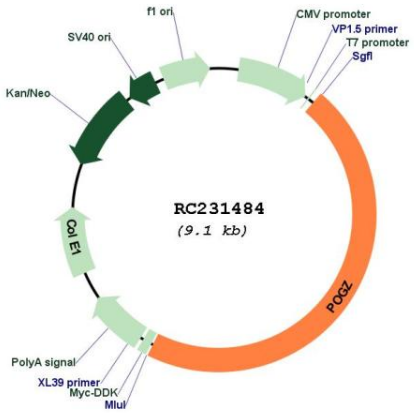


ACCN: NM_001194937

ORF Size: 4203 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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001194937.2
RefSeq ORF:	4206 bp
Locus ID:	23126
UniProt ID:	Q7Z3K3
Cytogenetics:	1q21.3
MW:	154.9 kDa
Gene Summary:	The protein encoded by this gene appears to be a zinc finger protein containing a transposase domain at the C-terminus. This protein was found to interact with the transcription factor SP1 in a yeast two-hybrid system. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Aug 2010]

Product images:



Circular map for RC231484