

Product datasheet for **MR223339**

Pogz (NM_001165948) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pogz (NM_001165948) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pogz
Synonyms:	9530006B08Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223339 representing NM_001165948 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

ATGGCGGACACCGACCTGTTTATGGAATGTGAGGAGGAGGAAGTGGAGCCATGGCAGAAAATCAGTGATG
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GCCAGTCTCAGCTCCAGTGCCCATTTGCTGCCCAGTCTTCTGTTGCTGGGCACCTCTCTACATCCACTACT
GTTAGTAACAGTGGGACACAGAACAGCGACAGTACAAAGAAGACTCTTGTCACACTAATTGCCAACAACA
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CTAAAGAACAACATTCGATTCATGAACCACATGAAGCACACGTAGAACTTGATCAACAGAATGGTGAGG
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Protein Sequence: >MR223339 representing NM_001165948
Red=Cloning site Green=Tags(s)

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Restriction Sites:

Sgfl-MluI

Cloning Scheme:

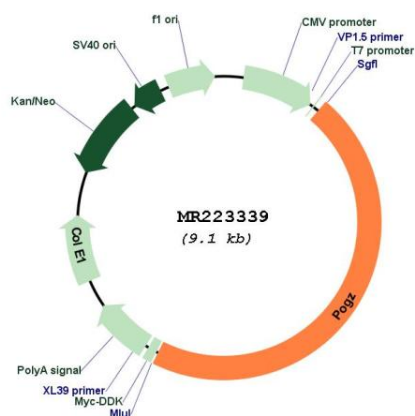


ACCN: NM_001165948

ORF Size: 4200 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_001165948.2
RefSeq Size:	7615 bp
RefSeq ORF:	4203 bp
Locus ID:	229584
Cytogenetics:	3 F2.1
MW:	154.5 kDa
Gene Summary:	Plays a role in mitotic cell cycle progression and is involved in kinetochore assembly and mitotic sister chromatid cohesion. Probably through its association with CBX5 plays a role in mitotic chromosome segregation by regulating aurora kinase B/AURKB activation and AURKB and CBX5 dissociation from chromosome arms (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223339