

## Product datasheet for RC213989

### POGZ (NM\_207171) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** POGZ (NM\_207171) 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:** >RC213989 representing NM\_207171  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGACACCGACCTGTTTCATGGAATGTGAGGAGGAGGAGTTGGAGCCATGCCAGAAAATCAGTGATG  
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 CCAGTATTGAGGCTGTTTCAGGTCATGCAGAATGCCAATCATGTGACTAGTTCCTGTGGCCTCACAAC  
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CAGCTTCAGTGCCACTTGAAAAATGTTTCATAGTCCCTATGAATCTACTACCAAGTCAAGATCTGTGAAT  
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TGATGGAGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC213989 representing NM\_207171  
Red=Cloning site Green=Tags(s)

MADTDLFMECEEELEPWQKISDVIEDSVVEDYNSVDKTTTAGNPLVQQGGQPLILTQNPAPGLGTMVTQ  
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 QFVKPTVGVQPQVFSQMPVVRPGSTMPVVRPTTNTFTTIPATLTI RSTVPQSQSQTKSTPSTSTPTATQ  
 P TSLGQLAVQSPGQSNQTTNPKLAPSFPPAVSIA SFVTVKRPGVTGENSNEVAKLVNTLNTIPSLGQS  
 PGPVVVSNNSAHGSQRTSGPESSMKVTS SIVPFDLQDGGRKICPRCNAQFRVTEALRGHMCYCCPEMVE  
 YQKKGKSLDSEPSVPSAAKPPSPEKTAPVASTPSTPIPALSPPTKVPEPNENVGDAVQTKLIMLVDDFY  
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 QLQCHLENVHSPYESTTKCKICEWAFESEPLFLQHMKDTHKPGEMPYVCVQCYRSSLYSEVDVHFRMIH  
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 TSVGDAMAKHLVFNPSHRSSSILPRGLTWIAHSRHGQTRDRVHDRVKNMYPSPFPTNKATVKSAGAT  
 PAEPEELLTPLAPALPSPASTATPPPTPHQALALPLATEGAEC LNVDQDEGSPVTQPELASGGGG  
 SGGVGGKEQLSVKCLRVLV FALCCNTEQAAEHFRNPQRRIRRWLRRFQASQGENLEGKYL SFEAEEKLAE  
 WVL TQREQQLPVNEETLFQKATKIGRSLEGGFKISYEWAVRFLRHHLTPHARRAVAHTLPKDVAENAGL  
 FIDFVQRQIHNQDLPLSMIVAIDEISLFLDTEVLSDDRKENALQTVGTGEPWCDVVLAILADGTVLPTL  
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 SASSTLPVAVPAGCSSKIQLDVCIKRTVKNFLHKKWKEQAREMADTACDSVLLQLVLVWLGEVLGVIG  
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 LHQLFEGESETESFYGFEEADLDLMEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

**Sgfl-MluI**

**Cloning Scheme:**

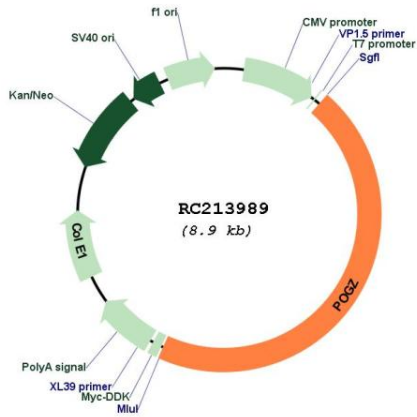


**ACCN:** NM\_207171

**ORF Size:** 4071 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_207171.2</a>
<b>RefSeq Size:</b>	6459 bp
<b>RefSeq ORF:</b>	4074 bp
<b>Locus ID:</b>	23126
<b>UniProt ID:</b>	<a href="#">Q7Z3K3</a>
<b>Cytogenetics:</b>	1q21.3
<b>MW:</b>	150 kDa
<b>Gene Summary:</b>	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 RC213989