

## Product datasheet for **RN203448**

### Pogz (NM\_001107693) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pogz (NM_001107693) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pogz
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203448 representing NM_001107693 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGACACCGACCTTTTTATGGAATGTGAGGAGGAAGAAGTGGAGCCATGGCAGAAAATCAGTGATG  
TCATTGAGGACTCTGTAGTTGAAGATTACAATTCAGTGGATAAAAATACTCCCGCTGGTAATACTTTGGT  
CCAGCAAGGTGGACAACCACTCATCTTGACCCAAAATCCAACACCGGGTCTGGGAACAATGGTTACTCAA  
CCAGTATTGAGACCTGTCCAGGTCATGCAGAATGCCAATCATGTGACTAGCTCCCTGTGGCCTCACAAC  
CTATCTTCATCACTACCCAGGATTCCCTGTAAGGAATGTTCCGCCCTGTACAGAATGCCATGAACAGGT  
TGGGATCGTGCTGAATGTACAGCAAGGCCAAAACAGTCAGACCAATTACTGGTCCAGCCCCAGGTACA  
CAGTTTGTAAAGCCGACAGTTGGCGTCCCAAGTGTCTCTCAGATGACCCCGTGGAGCCAGGCTCCA  
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TGTCCACAGTCCAGTCCAGCAGACCAAGTCCACCCCGTACCTCCACTACTCCATTGCCACACAG  
CCAACCGCATTGGGCAGCTAGCTGGTCAGCCTCCAGGCCAGCCAAACCAGACCTCGAATCCAAACTAG  
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GATGGGGGCAAAGCAGCCAGCTAACTAGTTCCTAAAGTTGCCAGTCTTTCCGATGCCCTCATTGTA  
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AAAGCGAGCCCTTGTCTCCAGCATATGAAAAGACACCCACAAGCCTGGAGAGATGCCTTATGTTTGCA  
GGTGTGCAATATCGCTCCTCCCTACTCAGAGGTAGACGTCCATTTTCGGATGATCCATGAAGACT



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CGGCATTTGCTCTGCCCGTATTGCCTAAAAAGTCTTCAAAAACGGCAATGCCTTCCAGCAGCACTACATGA  
 GGCACCAGAAGAGAAATGTTTACTACTGCAACAAATGCCGGCTGCAGTTTCTCTTTGCCAAGGACAAAAT  
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 GATGCCATGGCCAAGCATTTGGTGTCAACCCCTCCACAGATCTAGCAACATCTTACCACGGGGGCTCA  
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 TCAGGGAGAGAATTTAGAGGGCAAAATCTCAGCTTTGAGGCAGAAGAAAACTGGCTGAATGGGTGCTG  
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 CCATGCCCGGCGAGCTGTAGCCACACGTTACCGAAGCATGTAGCAGAAAATGCTGGACTTTCATTGAG  
 TTTGTGACGGCAGATTCAACAACAAAGACTTACCTTTGTCTATGATTGGCTATCGATGAGATCTCTT  
 TGTTTCTGGACACAGAGGTGCTGAGCAGTGTGACCGGAAGGAGAACGCTGCAGACAGTGGGCACAGG  
 GGAGCCTTGGTGTGACGTGCTGGCTATCCTAGCAGATGGCACTGTCTCCCCACCCTGGTTTTCTTC  
 CGAGGTCAAGCGAATCGCTTGCTAATGTGCCAGACTCTATTTACTAGAGGCTAAAGACAGTGGCTATA  
 GTGATGATGAAATCATGGAGCTTTGGTCCACCCGTGTGTGGAAGAAGCACACAGCTTGTGACACAGCAA  
 AAGCATGCTGGTGTGACTGTGATCGCACTCACTTGTGAGAAGAGGTGCTGGCCCTGCTCAGTGCCTCT  
 AGCACTTTGCCTGCGGTGGTCCCGCAGGCTGTAGCTCTAAAATCCAGCCACTAGACGTGTGATCAAAC  
 GAACTGTTAAGAACTTCTGCACAAAAAGTGAAGGAGCAGGCTCGGGAATGGCAGATGCTGCTTGTA  
 TTCTGATGCTTGTCTCAGTGGTGTGGTCTGGCTGGGTGAGGTGCTGAGTGTGATTGGGACTCCCA  
 GACCTAGTTCAGCGGCTCCTTCTTGTGGCTAGTGTCTGCCAGGCCCTGATGGCAACGTTAACTCACCCA  
 CACGCAAGCTGATATGCAGGAGGAGCTATTGCCTCCCTCGAGGAGCAGCTAAAGCTAAATGGAGAACA  
 GTCGAGGAGCACTCAGCTTCTGCCCCGACCCAGGTATCGCCTGAAGAGACAGTTGAGCCTGAAAGC  
 CTTTCATCAGCTTTTTGAGGGAGAAAAGTGAAGACAGAGTCTTTCTATGGCTTTGAGGAAGCTGACCTAGATC  
 TGATGGAGATTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107693
- Insert Size:** 4074 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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.

**RefSeq:** NM\_001107693.1, NP\_001101163.1

**RefSeq Size:** 6063 bp

**RefSeq ORF:** 4074 bp

**Locus ID:** 310658

**Cytogenetics:** 2q34