

## Product datasheet for **SC127977**

### POGZ (NM\_015100) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	POGZ (NM_015100) Human Untagged Clone
Tag:	Tag Free
Symbol:	POGZ
Synonyms:	MRD37; WHSUS; ZNF280E; ZNF635; ZNF635m
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015100, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGACACCGACCTGTTTCATGGAATGTGAGGAGGAGGAGTTGGAGCCATGCCAGAAAATCAGTGATG
TCATTGAGGACTCTGTAGTTGAAGATTATAATTCAGTGGATAAACTACCACAGTTTCTGTGAGCCAGCA
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GACAATTGAGCCTGAAAGTCTTACCAGCTCTTTGAGGGTGAAGTGAGACCGAGTCTTTCTATGGCTTT  
GAAGAAGCTGACCTAGATCTGATGGAGATTTGA

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_015100 unedited            ATAGGGCGGCCCCGCGATTCCGGCACGAGGCCCCCTCCCTCGGGGCCCCCCCCGCCCCCT            CGGGAAAAAATCCACCCCGAATCACTCGAACCCGAGGGAGGCTTCTTTTACCCTTGGG            GAGACGAGCTTTCAACGGTTACCTCTTCTCGTCTCCCCCGAGCCCCGTCCCCCCCC            CTGCTCCCACCCCTTCTGGCGCCGGGTGAAGTCCCTTTAAGGCGACGGCGCTTCTCT            CGGGTCAAGTACCAGCGGCGACGACCAGGGAGCATGGCGGACACCGACCTGTTTATGG            AATGTGAGGAGGAGGAGTTGGAGCCATGGCAGAAAAATCAGTGATGTCATTGAGGACTCTG            TAGTTGAAGATTATAATTCAGTGGATAAACTACCACAGTTTCTGTGAGCCAGCAGCCAG            TCTCGGCTCCAGTGCCCATCGCTGCCATGCTTCTGTTGCTGGGCACCTCTCTACATCCA            CCACCGTTAGTAGCAGCGGGGCACAGAACAGCGACAGTACAAAGAAGACTCTTGTACAC            TAATTGCCAACAAATGCTGGCAATCCTTTGGTCCAGCAAGGTGGACAGCCACTCATCC            TGACCCAGAATCCAGCCCAGGTCTGGGCACAATGTTACTCAACCAGTATTGAGGCCTG            TTCAGGTCATGCAGAATGCCAATCATGTGACTAGTTCCCTGTGGCTCACACCAATATT            TACTACTACGCNAGGATTTCTGTAAGGAATGTCCGNCCTGTACAATGCATGAATCAGG            TTGGGATTGTGCTGGACGTACAGCAAGGCCAAACCGTTAGACCCAATACACTAGNTTCAG            CCCAGTTACCCAGNTTGTAAAGCCGACGTTGAAGTCCACAGTGTCTTCCAATGACC            CCTGTGAGGCAGGCTCA</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' genomic read for NM_015100 unedited            GGGGCATCGNGATGGCAACTTCCAGGNCCAGNAAAGCACTGGGGNAGGGTCACAGGNAT            GCCACCCGGGATCTGTTCCAGGAAACAGCTATGACCGCGGCCGAATCTAGAGTCGAGTTT            TTTTTTTTTTTTTTTAATTTTGTGAGAAAAATACCAAACACAGTGATTTAAATTTAAAA            AAAAAAAAAAGTCACAAAACCTGTTTTAGCAGAAGTGAATGACCAATGGGCCAGCTCC            TTGGCTCAGACGTGATTACTATTGGTTTTCTAATTAATCCACAATCCACAGGGAAGTG            TAAGTCAACTTCAGGGGGAGTGGTGGTATAAAATTAATAAATAGAAACCAATACCCCA            CCTGGTATGCCCCCTTTCCCTAAGCCCTTTACCCTCCCTCACATGTTCCACCCCCAC            TCCACACCCCTCATGACCCCAACTCAAATCTCCATCAGATCTAGGTCAGCTTCTTCA            AAGCCATAGAAAGACTCGGTCTCACTTTACCCTCAAAGAGCTGGTGAAGACTTTTCAGGC            TCAATTGTCTCTTCAGGAGATGATCTGGGTCGTGGCGTGAAGACTCAGAATGTTCCCA            CTCAGCTTCAGTTGCTCCTCTAGGGAGGCAATTAGCTCCTCCTGCATGTCAGCATTCTT            GTAAGTGAGTTAATGTTGCCATCGGGCCAGGCAGAACACTAGCCACCAAGAAGGAGCGC            TGAAGTACTGTACAGTCCCAATGACACCTAGCACTTACCCAGCCAGAACAGCACC            AGCTGAAGCANGACATCAGAATCAGATGATCTGCCATTTCCCGAGCCTGTACTATC            ATTTTTATGCAGAAGTCTTGACGTTCTTTTGGACATACTCTATGGCTGAATTTTGAN</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_015100
<b>Insert Size:</b>	5000 bp
<b>OTI Disclaimer:</b>	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).
<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).

**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\\_015100.2](#), [NP\\_055915.2](#)

**RefSeq Size:** 6636 bp

**RefSeq ORF:** 6636 bp

**Locus ID:** 23126

**UniProt ID:** [Q7Z3K3](#)

**Cytogenetics:** 1q21.3

**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]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).