

Product datasheet for **SC313139**

POGZ (NM_145796) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POGZ (NM_145796) Human Untagged Clone
Tag:	Tag Free
Symbol:	POGZ
Synonyms:	MRD37; WHSUS; ZNF280E; ZNF635; ZNF635m
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145796, the custom clone sequence may differ by one or more nucleotides ATGGCGGACACCGACCTGTTTCATGGAATGTGAGGAGGAGGAGTTGGAGCCATGGCAGAAA ATCAGTGATGTCATTGAGGACTCTGTAGTTGAAGATTATAATTCAGTGGATAAACTACC ACAGTTTCTGTGAGCCAGCAGCCAGTCTCGGCTCCAGTGCCCATCGCTGCCCATGCTTCT GTTGCTGGGCACCTCTACATCCACCACCGTTAGTAGCAGCGGGGCACAGAACAGCGAC AGTACAAAGAAGACTCTGTCACTAATTGCCAACAACAATGCTGGCAATCCTTTGGTC CAGCAAGGTGGACAGCCACTCATCCTGACCCAGAATCCAGCCCCAGGTCTGGGCACAATG GTTACTCAACCAGTATTGAGGCCTGTTCCAGTGCAGAAATGCCAATCATGTGACTAGT TCCCCTGTGGCCTCACAACCAATATTTATCACTACGCAGGGATTTCTGTAAAGGAATGTC CGGCCTGTACAAAATGCAATGAATCAGGTTGGGATTGTGCTGAACGTACAGCAAGGCCAA ACGGTTAGACCAATTACACTAGTTCCAGCCCCAGGTACCCAGTTTGTAAAGCCGACAGTT GGAGTTCCACAAGTGTCTCCAGATGACCCCTGTGAGGCCAGGCTCCACAATGCCTGTG AGGCCACCACCAACACCTTCACCACCGTCATCCCGGCCACTCTTACCATTGGAAGCACC GTCCCACAGTCCCAGTCCCAGCAGACCAAGTCCACTCCCAGCACTTCTACCACTCCCCT GCCACACAGCCAACTCACTGGGGCAACTAGCTGTTTCAGTCTCCAGGCCAGTCAAACCAG ACCACGAATCCCAAGCTAGCTCCCTCCTCCCTCCTCCACTGCAGTGAGCATTGCCAGC TTTGTCACTGTGAAGCGACCTGGTGTACAGGCGAAAATAGCAATGAAGTGGCCAAATTG GTGAATACCCTTAACACCATCCCTTCCCTGGGCCAGAGTCTGGGCCAGTGGTGGTGTCC AACACAGCTCTGCTCATGGCTCTCAAAGAACCAGCGGACCTGAGTCTTCAATGAAAGGT ACAATAACC
Restriction Sites:	Please inquire
ACCN:	NM_145796
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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	<u>NM_145796.2</u> , <u>NP_665739.2</u>
RefSeq Size:	2239 bp
RefSeq ORF:	1092 bp
Locus ID:	23126
UniProt ID:	<u>Q7Z3K3</u>
Cytogenetics:	1q21.3
Domains:	zf-C2H2
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks two in-frame exons compared to variant 1. The resulting isoform (3) is shorter than isoform 1.</p>