

## Product datasheet for **SC110607**

### **PAG608 (ZMAT3) (NM\_152240) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PAG608 (ZMAT3) (NM_152240) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAG608
Synonyms:	PAG608; WIG-1; WIG1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152240, the custom clone sequence may differ by one or more nucleotides

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ATGATCCTCTTGCAACACGCCGTGCTTCTCCACCTAAGCAGCCCTCACCTCGCCTCCTATGTCAGTGG
CCACCAGGTCTACAGGAACCTTGACGCTTCCACCACAGAAGCCTTTTGGGCAGGAGGCTTCTTGCCTCT
TGCAGGGGAAGAAGAGTTATCGAAGGGAGGGGAGCAAGACTGTGCCCTGGAGGAGCTATGTAAGCCCTG
TACTGCAAACCTGCAATGTCACCTTGAACCTGCACAGCAAGCCAGGCTCATTATCAGGGTAAAAATC
ATGGAAGAAACTCCGAAATTACTATGCAGCAAATAGCTGTCTCCTCCTGCTAGAATGAGCAATGTGGT
CGAGCCTGCAGCTACTCCAGTTGTTCCAGTCCCTCCGAGATGGGCTCCTTTAAGCCAGGAGGCCGAGTG
ATCCTGGCCACGGAGAATGATTACTGTAAGCTCTGTGATGCCTCCTTCAGTTCCCAGCTGTGGCTCAGG
CTCACTATCAAGGAAGAATCATGCCAAGAGGCTGCGGCTGGCGGAAGCTCAGAGTAACTATTCTCGGA
ATCCTCAGAGCTGGGTCAACGGCGGCCAGGAAAGGAAGGAAATGAGTTTAAAGATGATGCCTAACAGGAGA
AATATGTATACAGTACAGAATAATTCAGGTCCTTACTTCAATCCCCGCTCTCGGCAGAGAATTCACGTG
ATCTGGCCATGTGTGTTACTCCAAGTGGCCAGTTTTACTGCTCAATGTGTAATGTTGGAGCTGGCGAAGA
GATGGAATTCGGCAGCATTTAGAGAGCAAGCAACATAAGAGCAAGGTGTCTGAACAGCGGTACAGGAAT
GAGATGGAGAATCTGGGATATGTATAG
```



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_152240 unedited  
TATTTTGTAAACGACTTACTATAGGGCGGCCGGAATTCGGCACCCAGGTCGGGTTGGAC  
TGACTTTTGACAGTCAGCCTTCGGCTGCGGAGGGGGCTCGGCGCGGCCGGCGGAGAAAG  
TTGCTCCGAGAAGAGGCTGGGTGAGCTGGGCCGAGCCGGGCGCGCAGGGCGGGCGTCCG  
GGGCGTCCCGGGCGGACGCGGCGGAGACTGCCGGCGCGTCCCGGGGTTCCGATTTGA  
AGACCTTGCTTCTCATCACCCTGGATTATGCCCCAGGCTTTCCTACCCAATGATCCTC  
TTGCAACACGCCGTGCTTCTCCACCTAAGCAGCCCTCACCTCGCCTCCTATGTCAGTG  
GCCACCAGGTCTACAGGAACCTTGCAGCTTCCACCACAGAAGCCTTTTGGGCAGGAGGCT  
TCCTTGCCTCTTGCAAGGTAAGAAGAGTTATCGAAGGGAGGGGAGCAAGACTGTGCCCTG  
GAGGAGCTATGTAAGCCCTGTACTGCAAACCTATAATGTCACCTTGAAGCTCTGCACAG  
CAAGCCCAGGCTCATTATCAGGGTAAAAATCATGGTAAGAACTCCGAAATTAAGTATGCA  
GCAAATAGCTGTCCTCCTCTGTAGAATGAGCAATGTGGTCGAGCCTGCAGCTACTCCA  
GTTGTTCCAGTCCCTCCGAGATGGGCTCCTTTAAGCCAGNGAGCCGAGTGATCCTGGCC  
ACGGAGAATGATTACTGTAAGCTCTGTGATGCCNCTTCAGTTTCCAGCTGTGGCTCAA  
GCTCACTATCAAAGGAAAGATCATGCCAAGAAGCTGCGGCTGGCCGAAGCTCANAGTAAC  
TCATTCTCGGAATNCTCAGAGACTGGTCAACGCCGGCCACGAAAGAAGGAATGAGTTTGA  
ATGATGCCTCACAGAAATATGTTTCAGTTCAGATATTAGCAGGCTCTACTTAATACCNG  
TTTGNAGAGAATCACTGACTATCATGGTGTACTC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_152240 unedited  
NCGAAACTCGGTGTACCGGCCCAATCNAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTT  
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGAACAGGGAATCTCGCTCTGTACCCAAGC  
TGGAGTGCAAAGGCCCATCTCCGCTCATTGAAAGCCCCCTCCCGGTTACAGCCCTT  
TTCTGCCTCAACCCCAATAAAGTGGGACAACAGGACCTTTTTTCTCCCGGGTA  
ATGTTTTGTATTTTTAGGACAAATGGGGTTCACTGGGGTAACCAAGATGATTTCAACC  
CCTGACCCCGGAACCCCTGGTTTTGCCCAAAATGCTGGGGTTACCGCGTGAGCC  
CCCCCCCCGGGCCCTTTTTGAAAACATATCCATCTTAAACCCCTGAATATTTCAA  
ATGAGGCTTGAAAACCCACCCACAAGTGGGGCATGAAAAGGGGCTGTAAACAACT  
GATTCCTTTGGGGGAAAAAAGAGGGAAAAAGCGCCATTATTTGTGTGAATCC  
ACAACCGGAAACAAGTTAACCAGTTGGAAGAATACCAACCCCTGGGAGTATTTGAAT  
TTAAAAAATTTGGGCTCTAAGATGGGGAGACATGATACCAAAAAAAGTCCCGGGG  
AAAACCCCAACAATTTCTAAAAATGTATCCACCGACAAAGCACTGGGGGGGCGGTCTG  
GTTAAACCCCGGAAAACCAAACTCCGCCGACCTTTTTTTCTTTGTTTCAAAAAGAA  
TTCCTTAAATTTTTTACCCGCCCTAACTCCCTTTTCAAAAAAAGGGAAAAAAG  
TCCCGGGAAAACCAACCCGTTCAAAAAGTTTCTCCCGCCAGG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_152240

**Insert Size:**

2500 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).

<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_152240.1</a> , <a href="#">NP_689426.1</a>
<b>RefSeq Size:</b>	2323 bp
<b>RefSeq ORF:</b>	867 bp
<b>Locus ID:</b>	64393
<b>UniProt ID:</b>	<a href="#">Q9HA38</a>
<b>Cytogenetics:</b>	3q26.32
<b>Domains:</b>	zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	p53 signaling pathway
<b>Gene Summary:</b>	<p>This gene encodes a protein containing three zinc finger domains and a nuclear localization signal. The mRNA and the protein of this gene are upregulated by wildtype p53 and overexpression of this gene inhibits tumor cell growth, suggesting that this gene may have a role in the p53-dependent growth regulatory pathway. Alternative splicing of this gene results in two transcript variants encoding two isoforms differing in only one amino acid. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) represents the longer transcript and encodes the shorter isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>