

Product datasheet for **SC321583**

PA1 (PAGR1) (NM_024516) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PA1 (PAGR1) (NM_024516) Human Untagged Clone
Tag: Tag Free
Symbol: PA1
Synonyms: C16orf53; GAS; PA1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_024516.2
 CTGCCCTAGTGGCCTATGTCCTTGCTCGGGGCCATGGAGACACTGCGGCCAGTACGGCC
 GCGCCTCTGTCTGAAGAAGGGGAAGTGACCTCCGCGCTCCAGGCTCTGGCCGTGGAGGAT
 ACCGGAGGCCCTCTGCCTCGGCCGGTAAGGCCGAGGACGAGGGGAAGGAGCCGAGAG
 GAGACCGAGCGTGAGGGGTCCGGGGCGAGGAGGCGCAGGGAGAAGTCCCCAGCGCTGGG
 GGAGAAGAGCCTGCCGAGGAGGACTCCGAGGACTGGTGCCTGCCCTGCAGCGACGAGGAG
 GTGGAGCTGCCTGCGGATGGGCAGCCCTGGATGCCCCCGCCCTCCGAAATCCAGCGGCTC
 TATGAACTGCTGGCTGCCACGGTACTCTGGAGCTGCAAGCCGAGATCCTGCCCCGCCG
 CCTCCACGCGGAGGCCAGAGCGAAGAGGAGAGATCCGATGAGGAGCCGGAGGCCAAA
 GAAGAGGAAGAGGAAAAACACACATGCCACGGAATTTGATTTTATGATGATGAGCCAGTG
 ACACCAAAGGACTCCCTGATTGACCGGAGACGCACCCAGGAAGCTCAGCCCGGAGCCAG
 AAACGGGAGGCCCGCCTGGACAAGGTGCTGTCGGACATGAAGAGACACAAGAAGCTGGAG
 GAGCAGATCCTTCGTACCGGGAGGGACCTTTCAGCCTGGACTCGGAGGACCCAGCCCG
 GCCAGCCCCCACTCCGATCCTCCGGGAGTAGTCTTCCCTCGGCAGCGGAAATACTGA
 TTCCCCTGCTCCTGCCTTAGGGTGCAGTGTCCGTACCTGCTGGAGCCTGGGCCCTCCT
 TCCCCAGCCAGACATTGAGAACTTGGGAAGAAGAGAGAAACCTCAAGCTCCAAAACAG
 CACGTTGCGGAAAGAGGAAGAGAGAGTGTGAGTGTGTGTGTGTGTGTGTGTGTGTGT
 ACCTGTAGAGT
 TCTATTGAACATCTATATAGAGAGAGTGTGTGAGTGTGTGTGTGTGTGTGTGTGTGT
 CAGAGACTGGACTGAATTTCTGAGTCTGAAATAAAAGATGCAGAGCTATCATCTCTTA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_024516



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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).
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_024516.2</u> , <u>NP_078792.1</u>
RefSeq Size:	1164 bp
RefSeq ORF:	765 bp
Locus ID:	79447
UniProt ID:	<u>Q9BTK6</u>
Cytogenetics:	16p11.2
Gene Summary:	C16ORF53 (PA1) is a component of a Set1-like multiprotein histone methyltransferase complex (Cho et al., 2007 [PubMed 17500065]).[supplied by OMIM, May 2008]