

Product datasheet for **RN206053**

Poc1a (NM_001109296) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Poc1a (NM_001109296) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Poc1a
Synonyms:	RGD1565004; Wdr51a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206053 representing NM_001109296 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGACTCAACCCTCATGATCTGGCACATGAAGCCCCAGTCACGTGCCTACCGCTTCACGGGCCACAAGG
ACGCCGTGACTTGTGTAATTTCTCCCATCGGGACACCTGCTTGCCTCAGGCTCCCGAGACAAGACCGT
TCGAATCTGGGTACCAATGTCAAAGTGAGTCAACTGTGTTCCGTGCACACACGGCCACAGTGAGGAGC
GTCCACTTCTGCAGTGATGGCCAGTTGCTCGTGACAGCCTCTGATGACAAGACAGTCAAGGTGTGGTCAA
CTCATCGCCAGAGATTCCTGTTTTCCCTGACCCAGCACATCAACTGGGTCGGCTGTGCCAAGTTCTCTCC
TGACGGGCGGCTCATCGTGTCTGCCAGCGATGACAAAACGTCAAGCTGTGGGACAAGACCAGCCGGGAG
TGTGTCCACTCATACTGTGAGCACGGCGGCTTTGTACCTACGTGGACTTCCACCCAGTGGGACCTGCA
TTGCTGTCTGGCATGGACAACACGGTGAAGGTGTGGGATACTCGGACTCACCGGCTGGTGCAGCACTA
TCAGTTACACAGCGCAGCCGTGAATGCCCTCTCCTTCCACCCATCGGGAACTACCTCATCACAGCCTCC
AGTGACTCGACCTGAAGATCCTGGACCTGATGGAGGGCCGGCTGCTCTACACGCTCCATGGGCACCAGG
GCCCTGTACACCGTTGCCTTTTCAAGAACGGGGGAATATTCGCTTCTGGAGGCTCTGATGAGCAGGT
GATGGTCTGGAAGAGTAACTTTGACACCGTTGATTATGGAGACATGAAGGCACGGAGGCCCCACCCCAA
GCCAGCTCTGCTGGGACTCCGCCAGAAATGGATTTGCCCGTCCCACAGGCAGAGACAGGAGTCTGGAGT
CAGTTCATAGTGACGCCAGGAGCCCATCAGCATGCCCCAGACACTGACCAGCACACTTGAGCACATCGT
GGGCCAGCTGGAGTCTCTCACACAGACAGTGTCATTCTGGAGCAGCGGCTGACACTGACAGAAGACAGG
CTGAAGCAATGCCTGGAGAACCAGCAGCTAATCATGCAGAGAACCACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001109296
Insert Size:	1104 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:	<u>NM_001109296.1, NP_001102766.1</u>
RefSeq Size:	1313 bp
RefSeq ORF:	1104 bp
Locus ID:	501048
Cytogenetics:	8q32