

Product datasheet for SC316741

PTAR1 (NM_001099666) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PTAR1 (NM_001099666) Human Untagged Clone
Tag:	Tag Free
Symbol:	PTAR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316741 representing NM_001099666. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCGAGACCAGCGAGGAGGTGGCGGTGCTGGTGCAGCGGGTGTGAAGGACATCACTAACGCCTTC
AGGAGGAACCCACACATAGATGAAATTGGCCTGATCCCATGTCCTGAAGCTAGGTATAACCGGAGTCCC
ATAGTCCTGGTTGAAAACAACTGGGTGTGGAGAGCTGGTGTGCAAGTTCCTTTACCATATGTCCAC
AACAGCTCCTTTGTACAGAACAAGAAAGCAATGGCTGAACAGAGATGAATTGATAGATGTCACATGT
ACCTGCTGCTTCTAAACCCAGACTTTACCACTGCATGGAACGTGAGGAAAGAGCTGATCCTCTGGC
ACTTTAAATCCAATTAAGGATTTACATCTGGGAAAACCTCGCTTAACCAAGTTTCCAAGAGTCCAGAA
ACATGGATTACAGGCGATGGGTGCTACAACAGCTAATTCAGGAAACCTCCTTGCCTTCTTTGTGACC
AAAGGAACTTGGGAACAATTCCACAGAAAGGACAGCGACTCATACAAGAAGAGATGGAGGTCTGT
GGTGAAGCAGCAGGGAGATACCCAAGCAACTATAATGCTTGGTCCCATCGCATCTGGGTTTTACAGCAC
TTGGCCAAGCTAGATGTCAAGATTCTTCTTGTGAACTATCTTCTACTAAACATTGGGCATCTATGCAC
GTTTCAGACCACAGTGGATTTCACTACCGCCAGTTTTTGGCTTAAGTCTTTGATTAGCCAACTGTGATA
GACAGTTCTGTGATGGAGCAAAATCCTTTGAGAAGTGAGCCAGCCCTAGTTCCTCCAAAAGATGAAGAA
GCAGCAGTTTCAACAGAAGAACCAAGGATTAATCTTCCCATCTTCTAGAAGAAGAAGTTGAATTCAGC
ACTGATCTTATTGATTCCTACCCAGGACATGAAACCCCTTGGTGTGATAGCGGCATATTTCTACCTT
CAGCATCACTTAAATGCAGGCTCCAGCTGTCTCAAGCAATGGAAGTAGATGGACTGAATGACTCTAGC
AAGCAAGGCTATTTCCAGGAAACCAACGCCTGAAGCGGACGCCAGTTCAGACTCCCTAGGCCTAGAA
ATGGAGCACAGGTTCAATTGATCAAGTATTGTCCACCTGTGCGAACGTGGAGCAAGCCAGGTTTGCCAGT
GCATACAGGAAATGGCTGGTTACTTTGAGTCAA TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul

Plasmid Map:



ACCN:	NM_001099666
Insert Size:	1209 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).
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_001099666.1</u>
RefSeq Size:	10057 bp
RefSeq ORF:	1209 bp
Locus ID:	375743
UniProt ID:	<u>Q7Z6K3</u>
Cytogenetics:	9q21.12
Protein Families:	Druggable Genome
MW:	46.4 kDa