

Product datasheet for **SC324306**

Peptidase inhibitor 16 (PI16) (NM_153370) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Peptidase inhibitor 16 (PI16) (NM_153370) Human Untagged Clone
Tag:	Tag Free
Symbol:	Peptidase inhibitor 16
Synonyms:	CD364; CRISP9; MSMBBP; PSPBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_153370.2
 CCTGGGTGCAACCAAGTACAGCTCTGCAGAGGTTACTGTGATTTTGGCCCTGAAGGATCT
 GTCCACAACCTTAGGAACTCACACAGCTTTTGGCCTGAGCCCCCGTTACCAAGAGAAAGGA
 GGTTTTTGGCAAGGACTCCAAGGGGAGTGCACCTTGATGCTGGTCGGGACCCAAAGCACCC
 AGCCCTCCTGAGACATTGTGTGAGTCGGGCTGGGCTCAAACACGGCCCCACTGCCCC
 ACCCCAGCCAGGGTGGTCTTGTGTGGGAAGGACTTTAAATCCAGCTGCCAGACCCTGG
 ACGGGAGAAGGAGAGACGGCTGGCCACCATGCACGGCTCCTGCAGTTTCCCTGATGCTTCT
 GCTGCCGCTACTGCTACTGCTGGTGGCCACCACAGGCCCGTTGGAGCCCTCACAGATGA
 GGAGAAACGTTTATGGTGGAGCTGCACAACTTACCGGGCCAGGTATCCCGCCGGC
 CTCAGACATGCTGCACATGAGATGGGACGAGGAGCTGGCCGCTTCGCCAAGGCCTACGC
 ACGGCAGTGCCTGTGGGGCCACAACAAGGAGCGCGGGCCGCGGCGAGAATCTGTTGCG
 CATCACAGACGAGGGCATGGACGTGCCGTGGCCATGGAGGAGTGGCACCACGAGCGTGA
 GCACTACAACCTCAGCGCCGCCACCTGCAGCCCAGGCCAGATGTGCGGCCACTACACGCA
 GGTGGTATGGGCCAAGACAGAGAGGATCGGCTGTGGTTCCCACTTCTGTGAGAAGCTCCA
 GGGTGTGAGGAGACCAACATCGAATTACTGGTGTGCAACTATGAGCCTCCGGGGAAAGCT
 GAAGGGGAAACGGCCCTACCAGGAGGGGACTCCGTGCTCCAATGTCCCTCTGGCTACCA
 CTGCAAGAACTCCCTCTGTGAACCCATCGGAAGCCCGGAAGATGCTCAGGATTTGCCTTA
 CCTGGTAACTGAGGCCCATCCTTCCGGGCGACTGAAGCATCAGACTCTAGGAAAATGGG
 TACTCCTTCTTCCCTAGCAACGGGGATTCCGGCTTTCTTGGTAACAGAGGCTCAGGCTC
 CCTGGCAACCAAGGCTCTGCCTGCTGTGGAAACCCAGGCCCAACTTCTTAGCAACGAA
 AGACCCGCCCTCCATGGCAACAGAGGCTCCACCTTGCCTAACAACTGAGGTCCCTTCCAT
 TTTGGCAGCTCACAGCCTGCCCTCCTTGGATGAGGAGCCAGTTACCTTCCCAAAATCGAC
 CCATGTTTCTATCCCAAAATCAGCAGACAAAGTGACAGACAAAACAAAAGTGCCCTTAG
 GAGCCCAGAGAACTCTCTGGACCCCAAGATGTCCCTGACAGGGGCAAGGGAGCTCCTACC
 CCATGCCCAGGAGGAGGCTGAGGCTGAGTTCCTTCCAGTGAAGTCTTGGC
 CTCAGTTTTTCCAGCCCAGGACAAGCCAGGTGAGCTGCAGGCCACACTGGACCACACGGG
 GCACACCTCCTCAAGTCCCTCCCAATTTCCCAATACCTTGCACCAGCTAATGCCAC
 GGGTGGGCGTCCCTGGCTCTGCAGTCCTTGCAGGTGCAGAGGGCCCTGACAAGCC
 TAGCGTCGTGTCAGGGCTGAACCTGGGCCCTGGTATGTGTGGGGCCCTCTCTGGGACT
 ACTGCTCCTGCCTCCTCTGGTGTGGCTGGAATCTTGAAGGGGATACCACTCAAAGGG
 TGAAGAGGTCAGCTGTCTCCTGTGATCTTCCCCACCCTGTCCCAGCCCCTAAACAAGA
 TACTTCTTGGTTAAGGCCCTCCGGAAGGAAAGGCTACGGGGCATGTGCCTCATCACACC
 ATCCATCCTGGAGGCACAAGGCCTGGCTGGCTGCGAGCTCAGGGGGCCGCTGAGGACTG
 CACACCGGGCCACACCTCTCCTGCCCTCCCTCCTGAGTCTGGGGTGGGAGGATTTG
 AGGGAGCTCACTGCCTACCTGGCCTGGGCTGTCTGCCACACAGCATGTGCGCTCTCC
 TGAGTGCCTGTGTAGCTGGGGATGGGGATTCTAGGGGCAGATGAAGGACAAGCCCCACT
 GGAGTGGGGTTCTTTGAGTGGGGAGGCAGGGACGAGGGAAGGAAAGCAACTCCTGACTC
 TCCAATAAAAACCTGTCCAACCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAA

Restriction Sites: Please inquire

ACCN: NM_153370

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_153370.2</u> , <u>NP_699201.2</u>
RefSeq Size:	2205 bp
RefSeq ORF:	1392 bp
Locus ID:	221476
UniProt ID:	<u>Q6UXB8</u>
Cytogenetics:	6p21.2
Domains:	SCP
Protein Families:	Transmembrane
Gene Summary:	May inhibit cardiomyocyte growth.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.