

Product datasheet for SC331252

Peptidase inhibitor 16 (PI16) (NM_001199159) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Peptidase inhibitor 16 (PI16) (NM_001199159) Human Untagged Clone
Tag: Tag Free
Symbol: Peptidase inhibitor 16
Synonyms: CD364; CRISP9; MSMBBP; PSPBP
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331252 representing NM_001199159.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCACGGCTCCTGCAGTTTCTGATGCTTCTGCTGCCGCTACTGCTACTGCTGTTGGCCACCACAGGC
CCC GTTGGAGCCCTCACAGATGAGGAGAAACGTTTATGGTGGAGCTGCACAACCTCTACCGGGCCAG
GTATCCCCGACGGCCTCAGACATGCTGCACATGAGATGGGACGAGGAGCTGGCCGCTTCGCCAAGGCC
TACGCACGGCAGTGCCTGTGGGGCCACAACAAGGAGCGCGGGCGCGGCGAGAATCTGTTCCGCATC
ACAGACGAGGGCATGGACGTGCCGCTGGCCATGGAGGAGTGGCACCACGAGCGTGAGCACTACAACCTC
AGCGCCGCCACCTGCAGCCAGGCCAGATGTGCGGCCACTACACGCAGGTGGTATGGCCAAGACAGAG
AGGATCGGCTGTGGTTCCCACTTCTGTGAGAAGCTCCAGGGTGTGAGGAGACCAACATCGAATTAAGT
GTGTGCAACTATGAGCCTCCGGGAAACGTGAAGGGGAAACGGCCCTACCAGGAGGGGACTCCGTGCTCC
CAATGTCCCTCTGGCTACCACTGCAAGAACTCCCTCTGTGAACCCATCGGAAGCCCGGAAGATGCTCAG
GATTTGCCTTACCTGGTAAGTGAAGGCCCATCCTCCGGGCGACTGAAGCATCAGACTCTAGGAAAATG
GGTACTCCTTCTCCCTAGCAACGGGGATTCCGGCTTTCTTGGTAACAGAGGTCTCAGGCTCCCTGGCA
ACCAAGGCTCTGCCTGCTGTGAAACCCAGGCCCAACTCCTTAGCAACGAAAGACCCGCCCTCCATG
GCAACAGAGGCTCCACCTTGCCTAACAACTGAGGTCCCTTCCATTTGGCAGCTCACAGCCTGCCCTCC
TTGGATGAGGAGCCAGTTACCTTCCCAAAATCGACCCATGTTCCATCCCAAAATCAGCAGACAAAGTG
ACAGACAAAACAAAAGTGCCTCTAGGAGCCAGAGAACTCTCTGGACCCCAAGATGTCCCTGACAGGG
GCAAGGGAACCTACCCCATGCCAGGAGGAGGCTGAGGCTGAGGCTGAGTTGCCTCCTCCAGTGAG
GTCTTGGCCTCAGTTTTTCCAGCCAGGACAAGCCAGGTGAGCTGCAGGCCACACTGGACCACACGGGG
CACACCTCCTCAAGTCCCTGCCAATTTCCCAATACCTCTGCCACCGCTAATGCCACGGGTGGGCGT
GCCCTGGCTCTGCAGTCGCTTCCAGGTGCAGAGGGCCCTGACAAGCCTAGCGTCGTGTGAGGGCTG
AACTCGGGCCCTGGTCATGTGTGGGGCCCTCTCCTGGGACTACTGCTCCTGCCTCCTCTGGTGTGGCT
GGAATCTTCTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001199159
Insert Size: 1392 bp



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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).
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_001199159.1</u>
RefSeq Size:	2100 bp
RefSeq ORF:	1392 bp
Locus ID:	221476
UniProt ID:	<u>Q6UXB8</u>
Cytogenetics:	6p21.2
Protein Families:	Transmembrane
MW:	49.5 kDa
Gene Summary:	<p>May inhibit cardiomyocyte growth.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>