

Product datasheet for SC335221

PRR16 (NM_001300783) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRR16 (NM_001300783) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRR16
Synonyms:	DSC54; LARGEN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335221 representing NM_001300783. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGTCAGCCAAGTCCAAGGGGAACCCCTCCTCGTCCTGTCCAGCCGAGGGACCGCCGGCAGCCTCCAAA
 ACCAAGGTGAAGGAACAGATCAAGATCATCGTGGAGGATTTGGAATTAGTCCTGGCGACCTGAAGGAC
 GTGGCCAAGGAAGTAAAGGAGGTGGTTGACCAGATTGACACCCTGACCTCTGACCTACAGCTGGAGGAT
 GAGATGACTGACAGCTCCAAAACGGACACGCTGAATAGTAGCTCAAGTGGCACAACAGCCTCCAGCCTA
 GAGAAGATCAAAGTGCAGGCTAATGCACCGCTTATTAACCCCCAGCACACCCATCTGCTATCCTCAGC
 GTCCTGAGAAAGCAAACCTCCACCACCTCCTCAAGGTTGACACCTGTGAAGTGTGAAGACCCCAAA
 AGGGTGGTTCCAATGCAATCCTGTAAAAACCAATGGCACCCCTTCTACGAAATGGAGGCTTACCAGGT
 GGACCTAACAAAATTCAAAATGGAGATATCTGCTGCATACCCAACAGTAACTTGGACAAGGCTCCAGTC
 CAGCTTCTGATGCATAGACCTGAAAAAGACAGATGTCCCAGGCAGGGCCTCGAGAACGAGTTTCGGTTT
 AATGAAAAAGTACAGTACCATGGCTATTGTCTGACTGTGATACCCGGTATAACATAAAAAACAGGGAG
 GTCCACTTACACAGTGAACCTGTCCACCACCGGGAAGATTCTCACCAGGCCCTCCCTCCCTCCT
 ACACCCCATCTCCCTCCTTCCCACTAGAAAATGGGGGAATGGGAATAAGCCACAGTAACAGCTTCCCC
 CCTATCAGACCTGCAACTGTGCCTCCTCCCACTGCACCAAAACCAGAGAAGACGATCTTGAGGAAGTCA
 ACCACTACAACCGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001300783
Insert Size:	915 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:	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_001300783.1</u>
RefSeq Size:	1754 bp
RefSeq ORF:	915 bp
Locus ID:	51334
UniProt ID:	<u>Q569H4</u>
Cytogenetics:	5q23.1
MW:	32.8 kDa
Gene Summary:	Regulator of cell size that promotes cell size increase independently of mTOR and Hippo signaling pathways. Acts by stimulating the translation of specific mRNAs, including those encoding proteins affecting mitochondrial functions. Increases mitochondrial mass and respiration.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).