

Product datasheet for **SC318983**

Repetin (RPTN) (NM_001122965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Repetin (RPTN) (NM_001122965) Human Untagged Clone
Tag:	Tag Free
Symbol:	Repetin
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001122965, the custom clone sequence may differ by one or more nucleotides

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ATGGCTCAACTCCTGAATAGCATACTCAGTGTGATTGACGTATTCCACAAATATGCCAAA
GGGAATGGGGACTGTGCCTTACTATGCAAGGAAGAGTTGAAACAACTGCTCTTGGCTGAG
TTTGGAGACATCCTCCAGAGACCAATGACCCAGAGACTGTGGAAACCATCTTGAACCTC
TTAGATCAAGACCGAGATGGACATATTGATTTTCATGAGTACCTCTTGTGGTGTTCAG
TTGGTCCAAGCCTGCTATCATAAGCTAGACAATAAGTCACATGGAGGCAGGACCTCACAG
CAAGAAAGGGGGCAGGAAGGAGCACAAGACTGTAAAGTTCCAGGAAACACAGGCAGACAA
CACAGACAGAGGCACGAGGAAGAAAGGCAGAACTCCACCCACAGTCAGCCTGAGAGACAA
GACGGAGATTCCACCATGGTCAGCCTGAGAGACAAGACAGAGATTCCACCATGGTCAG
TCTGAGAAACAAGACAGAGATTCCACCCACAGTCAGCCTGAGAGACAAGACAGAGATTCT
CACCACAATCAGTCTGAGAGACAAGACAAGGATTTAGCTTTGATCAGTCAGAGAGACAA
AGTCAAGACTCCAGCTCTGGTAAAAAGTGAGTCACAAATCTACCAGTGGCCAGGCTAAA
TGGCAGGGACATATCTTTGCCTTAAATCGGTGTGAAAAACCAATTCAGGATTCTCATTAT
GGTCAGTCTGAAAGACATACACAACAATCTGAAACACTTGGACAAGCCTCTCACTTTAAC
CAGACAAATCAACAGAAATCAGGCTCTTATTGTGGACAGTCTGAGAGGCTAGGTACAGAA
TTAGGCTGTGGTCAGACAGACAGACAAGGCCAGAGTTCCTACTACGGTCAGACGGACAGA
CAAGACCAGAGTTATCATTATGGTCAGACAGACAGACAAGGCCAGAGTTCCTACTACAGT
CAGACGGACAGACAAGGCCAGAGTTCCTACTACAGTCAGCCAGACAGACAAGGTACAGAGT
TCCCACTATGGTCAAAATGGACAGAAAAGGCCAGTGTTATCATTATGATCAGACAAACAGA
CAAGGCCAGGGTTCCCACTACAGTCAACCAACAGACAAGGTACAGAGTTCCTACTATGGT
CAGCCAGACACACAAGATCAGAGTTCCTACTATGGTCAGACAGACAGACAAGACCAAGT
TCTCACTATGGTCAGACAGAGAGACAAGGCCAGAGTTCCTACTACAGTCAGATGGACCGA
CAAGGCCAGGGTTCTCACTACGGTCAGACAGACAGACAAGGCCAGAGTTCCTACTATGGT
CAGCCAGACAGACAAGGCCAGAAATTCCTACTATGGTCAGACAGACAGACAAGGCCAGAGT
TCCCACTATGGTCAGACAGACAGACAAGGCCAGAGTTCCTACTACAGTCAGCCAGACAAA
CAAGGCCAGAGTTCCTACTATGGTAAGATAGACAGACAAGACCAGAGTTATCATTATGGT
CAGCCAGACGGACAAGGCCAAAGTTCCCACTATGGTCAGACAGACAGACAAGGCCAGAGT
TTCCCACTATGGTCAGCCAGACAGACAAGGCCAGAGTTCCTACTACAGTCAGATGGACAGA
CAAGGCCAGAGTTCCTACTATGGTCAGACAGACAGACAAGGCCAGAGTTCCTACTACGGT
CAGACAGACAGACAAGGCCAGAGCTATCATTATGGTCAGACAGACAGACAAGGCCAGAGT
TCCCACTATATTCATCAGACTGGGGAAATACAAGGGCAAAATAAGTACTTCCAGGG
ACTGAAGGAACAAGAAAAGCCTCTTATGTTGAACAATCAGGAAGATCAGGGAGGCTAAGT
CAACAGACTCCAGGACAGGAAGGGTACCAAAACAGGGACAGGGATTCCAGTCTAGGGAC
TCACAGCAGAACGGCCACCAGGTATGGGAGCCTGAAGAGGATAGCCAACATCACCAACAC
AACTCTTAGCACAAATCCAACAAGAAAGACCACTTTGTCACAAAGGGAGAGACTGGCAA
TCATGCAGTAGTGAGCAGGGCCACAGACAGGCCAGCCAGAGGCAGAGTCATGGTGAGGGG
CTGAGCCACTGGGCAGAGGAAGAGCAGGGCCATCAAACCTGGGATAGACACAGCCATGAG
AGTCAGGAAGGTCCATGTGGGACACAGGACAGGCGAACCATAAAGATGAGCAGAACCAT
CAGAGACGAGACAGACAAACCATGAACATGAGCAGAGCCATCAGAGACGAGACAGGCAA
ACCCATGAAGACAAGCAGAACCGTCAGAGACGAGACAGGCAAACCATGAAGACGAGCAG
AACCATCAGAGA
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Restriction Sites: Please inquire

ACCN: NM_001122965

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:	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_001122965.1</u> , <u>NP_001116437.1</u>
RefSeq Size:	3569 bp
RefSeq ORF:	2355 bp
Locus ID:	126638
UniProt ID:	<u>Q6XPR3</u>
Cytogenetics:	1q21.3
Gene Summary:	Involved in the cornified cell envelope formation. Multifunctional epidermal matrix protein. Reversibly binds calcium.[UniProtKB/Swiss-Prot Function]