

Product datasheet for **SC311503**

RERE (NM_001042681) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RERE (NM_001042681) Human Untagged Clone
Tag: Tag Free
Symbol: RERE
Synonyms: ARG; ARP; ATN1L; DNB1; NEDBEH
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_001042681, the custom clone sequence may differ by one or more nucleotides

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ATGACAGCGGACAAAGACAAAGACAAAGACAAGAGAAGGACCGGGACCGAGACCGGGAC
CGAGAGAGAGAGAAAAGAGACAAAGCAAGAGAGAGTGAGAATTC AAGGCCACGCCGGAGC
TGTACCTTGAAGGAGGAGCCAAAAATTATGCTGAGAGTGATCACAGTGAAGACGAGGAC
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 GAAGGTGACAAGCAGTTATAA

Restriction Sites:

Please inquire

ACCN:	NM_001042681
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_001042681.1</u> , <u>NP_001036146.1</u>
RefSeq Size:	8022 bp
RefSeq ORF:	4701 bp
Locus ID:	473
UniProt ID:	<u>Q9P2R6</u>
Cytogenetics:	1p36.23
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a member of the atrophin family of arginine-glutamic acid (RE) dipeptide repeat-containing proteins. The encoded protein co-localizes with a transcription factor in the nucleus, and its overexpression triggers apoptosis. A similar protein in mouse associates with histone deacetylase and is thought to function as a transcriptional co-repressor during embryonic development. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform (a).</p>