

Product datasheet for **SC337947**

TReP132 (TRERF1) (NM_001297574) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TReP132 (TRERF1) (NM_001297574) Human Untagged Clone
Tag:	Tag Free
Symbol:	TReP132
Synonyms:	BCAR2; dj139D8.5; HSA277276; RAPA; TReP-132; TREP132
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001297574, the custom clone sequence may differ by one or more nucleotides

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ATGGGTGACCAGCAACTGTACAAGACCAACCATGTGGCCCATGGTAGTGAGAACCTTTTCTACCAACAGC
CACCACCTTGCCGTCACACGCGGGCTGAACCACAACATATGGGAATGCAGTTACAGGGGGCGGAATGGATGC
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GAGGGCCTCCCCAACCTCAAACAGGAGGAAGGAGAGAAGGTCTCGCCCTCAGCCCCAGCCACCACTG
 CCGCTCCGCCTCCGCCTCCGCCGCCACCACAGCTCCCTCCCGAGGCAGAAAAGCCTCACGCCTATGGTCA
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 GGAGGTGCATGGAAGAGGCTGAAGTTGTGGACACCGATCTTCTTGGATGATCAAGATTCAGTCTTGC
 TTCAGGGTGACGCAGAATAAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001297574

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_001297574.1, NP_001284503.1</u>
RefSeq Size:	7644 bp
RefSeq ORF:	3663 bp
Locus ID:	55809
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>This gene encodes a zinc-finger transcriptional regulating protein which interacts with CBP/p300 to regulate the human gene CYP11A1. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>