

Product datasheet for **SC304308**

TECPR1 (NM_015395) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TECPR1 (NM_015395) Human Untagged Clone
Tag:	Tag Free
Symbol:	TECPR1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015395, the custom clone sequence may differ by one or more nucleotides

ATGCCCACTCAGTGCTGTGGGCGGTGGACCTCTTCGGGAGAGTGTACACGCTGTCCACA
GCAGGCCAGTACTGGGAAATGTGCAAGGACTCCCAGCTGGAGTTCAAGCGCTCAGCGCC
ACCACGCAGTGCTGTGGGGCATTGCCTGTGACAACAGGTCTACGTGTATGTGTGTGCC
AGCGATGTCCCATCCGCCGCCGAGAGGAGGCCTATGAGAATCAGCGCTGGAATCCCATG
GGCGGCTTCTGTGAGAAGCTCCTGCTGAGTGACCGCTGGGGGTGGAGTGACGTGAGTGGG
CTCCAGCACCGGCCGCTGGACAGGTGGCACTGCCCTCGCCGCACTGGGAGTGGGAGTCT
GACTGGTACGTGGATGAGAAATTTGGAGGTGAACCACTGAGAAAGGGGGTGGACGTAC
GCCATCGACTTTCCCGCCACCTACACGAAAGACAAGAAGTGGAATTCTTGTGTGCGGCGC
CGGAAGTGGATCCGGTACAGGAGATACAAGTCCCGGGACATCTGGGCCAAGATCCCTCG
AAGGATGACCCCAAGGAGCTGCCGACCCCTTCAACGACCTCTCTGTAGGGGGCTGGGAG
ATCACGGAGGAGCCTGTGGGCCGCTGTCAAGTGTGGGCTGTGTCTCTGCAGGGCAAGGTG
TGGTACAGAGAGGACGTGAGCCACTCAACCCCGAAGGGTCTCTGGTCCCTGTGGAC
ACCCCGGGGAGGTGGTTCAGATCAGCTGTGGGCCCCACGACCTCTGTGGGCCACTC
TGGGAGGGACAGGCCCTGGTCCGGGAAGGAATCAACAGGAGCAATCCCAAAGGAAGTTCC
TGGTCCATCGTGGAGCCTCCTGGATCTGAAAACGGGGTCAATGCACATCTCGGTGGGAGTC
AGCGTGGTCTGGGCTGTACCAAGGACTGGAAGGTGTGGTTCCGAAGAGGCGTCAACTCT
CACAATCCCTGCGGCACCAAGTTGGATTGAGATGGTTGGTGAGATGACGATGGTGAACGTG
GGAATGAACGACCAGGTGTGGGGCATTGGCTGTGAGGACCGAGCCGTGTACTTCCGGCAG
GGTGTACCCCCAGCGAGCTCAGTGGGAAGACCTGGAAAGCCATCATCGCGGCCCGAGAG
TGTGACCGGTCACTCTGGCAGCTCGTCTAGTCTCTCAGTGCCGGCTGCTTCTTCGGT
GATGAGGTGAGGGGTAGTGGCGAGTCTGCCCCAGCGACACCGATGCCTCCTCGGAAGTC
GAGAGACCAGGGCCTGGCCAGATTCTCCCTGCAGAACCTCTAGACGATTCCAAGAATGCC
ACAGGGAACCTCAGCCTCAGGCCCTGGGGGCTGGCAGGACCGCAGAAGATACCGTGGAAAGT
GCCTGCCAGCCGAGGGCAGCAGGGAGGCCAGACCAACACGACCCCGGCCCGGCCCC
ACCCCGGCCGAGCTGCCCTGGACCAATATTGACCTCAAGGAGGCCAAGAAAGTGCCAGC
CACTCGGCCGCTGGCTTCCCCGAGACCACGACCTCTCTCTCTGGGGCTCCTCCCACTG
GGCTTGGAGGAGCCGTATGGGGTGGATGACCACCCGCTGTGGGCTGGGTGTGGGAGGC
GGCTGCGTGGTGGAGGCATGTGCCATGCCAGATGGTTCACTGTCCAGGCGGGCCTGTCC
TCCTCGGTACACATGCTGTCCTGTCCATCACGCCGGCCAGACCGCTGCCTGGAGGAAG
CAGATCTTCCAGCAGCTCACGAAAGGACCAAGCGGGAGCTGGAGAACTTCAGACACTAC
GAGCAGGCCGTGGAGCAGTCGGTGTGGGTGAAGACCGGGCGCTGCAGTGGTGGTGCGAC



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TGGAAGCCCCACAAGTGGGTGGACGTGCGCTTGGCCCTGGAGCAGTTCACGGGGACGAC
 GGCGTCCGGGACAGCATCCTCTTCATCTACTATGTGGTCCACGAGGAGAAGAAGTACATC
 CACATATTCCTGAATGAGGTGGTGGCGCTGGTCCCAGTGCTGAACGAGACCAAGCACTCC
 TTTGCCCTGTACACCCCTGAGCGGACACGGCAGAGGTGGCCGGTGCCTGCTGGCTGCTGCC
 ACCGAGCAGGACATGAATGACTGGCTCGCCCTGCTCAGCCTGTCTTGCTGCGAGAGCCGG
 AAGGTGCAGGGCCGCCCTCCCCGACGGCCATCTGGTCCATCACCTGCAAGGGGGACATC
 TTCGTGAGCGAGCCCAGCCAGACCTGGAGGCCACGAGCACCCCTGCCCTGCGACACAG
 ATGTTTTTGGCGGCAGATGGGAGGCCACCTGCGGATGGTGGAGGCCAACAGCCGGGGCGTG
 GTGTGGGGCATCGCTATGACCACACGGCCTGGGTATACACAGGCGGCTATGGAGCGGC
 TGCTTCCAAGGCCTGGCCAGCAGCACCAGTAACATCTACACGAGTCAGACGTGAAGTGT
 GTTCACATCTATGAGAACCAGCGCTGGAACCCCGTCACAGGCTACACCAGCAGGGGTCTG
 CCCACGGACCGGTACATGTGGAGCGATGCCTCGGGGCTGCAGGAGTGCACGAAGGCTGGC
 ACGAAGCCCCCGTCCCTGCAGTGGGCCTGGGTTTCCGACTGGTTCGTGGATTTTCAGCGTT
 CCGGGGGGCACGGACAGGAGGGGTGGCAGTATGCCAGCGACTTCCTGCCTCATACCAT
 GGGTCCAAAACGATGAAGGATTTTGTGAGGAGGAGGTGCTGGGCCAGAAAATGCAAGCTG
 GTGACCACTGGGCGCTGGCTGGAGGTGCCCCCATCGCCCTCAGGGACGTGTCCATCATC
 CCGGAGAGCCCGGTGCCGAGGGGAGTGGGCACAGCATCGCCCTCTGGGCCGTACGCGAC
 AAGGGGGATGTGCTGTGCCGCTGGGCGTGTGGAGCTCAACCTGCGGGCTCCTCTGG
 CTGCACGTTGGCACCGACAGCCCTTCGCTCCATCTCCATCGGGGCTGCTACCAAGGTG
 TGGGCCGTGGCAAGGGACGGCTCCGCTTCTACCGGGATCCGTGTACCCCTCGCAGCCA
 GCCGGTGACTGCTGGTACCACATCCCGTCCCCACCGAGACAGAGGCTGAAGCAGGTGTCC
 GCGGGGCAGACGTCGGTGTATGCCCTGGATGAGAATGGAACCTGTGGTATCGCCAAGGG
 ATCAGCCCCAGTACCCGACGGCTCCAGCTGGGAGCACGTGTCCAACAACGTGTGCCGA
 GTGTCCGTGGGGCCCTGGACCAAGTCTGGGTGATCGCCAACAAGTGACGGGCAGCCAC
 AGCCTGAGCCGGGGGACAGTGTGTATCGACCGCGGTGCAGCCTCACGAGCCCAAGGGC
 CACGGCTGGGACTACGGCATCGGGGGAGGCTGGGACCATATCTGTCCGGGCCAATGCC
 ACCAGGGCCCCCGGAGCTCGTCCCAGGAGCAGGAGCCGAGTGCCCCACCAGAGGCCCAT
 GGCCCCGTCTGCTGCTGA

Restriction Sites:	Please inquire
ACCN:	NM_015395
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: [NM_015395.1](#), [NP_056210.1](#)

RefSeq Size: 4371 bp

RefSeq ORF: 3498 bp

Locus ID: 25851

UniProt ID: [Q7Z6L1](#)

Cytogenetics: 7q21.3

Gene Summary: This gene encodes a tethering factor involved in autophagy. The encoded protein is found at autolysosomes, and is involved in targeting protein aggregates, damaged mitochondria, and bacterial pathogens for autophagy [provided by RefSeq, Nov 2012]