

Product datasheet for **SC122316**

TECPR1 (BC012529) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TECPR1 (BC012529) Human Untagged Clone
Tag:	Tag Free
Symbol:	TECPR1
Synonyms:	DKFZP434B0335
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC012529 edited
GGCACGAGGGGTGGACGTGCGCTTGGCCCTGGAGCAGTTACGGGGCACGACGGCGTCCG
GGACAGCATCCTCTTCTACTATGTGGTCCACGAGGAGAAGAAGTACATCCACATATT
CCTGAATGAGGTGGTGGCGCTGGTCCCAGTGCTGAACGAGACCAAGCACTCCTTTGCCCT
GTACACCCCTGAGCGGACACGGCAGAGGTGGCCGGTGGTCTGGTGTGCCACCGAGCA
GGACATGAATGACTGGCTCGCCCTGCTCAGCCTGTCTTGTGCGAGAGCCGGAAGGTGCA
GGGCCCGCCGTCGCCGACAGGCCATCTGGTCCATCACCTGCAAGGGGGACATCTTCGTGAG
CGAGCCACGCCAGACCTGGAGGCCACGAGCACCCCTGCCCTGCGACCAGATGTTTTG
GCGGCAGATGGGAGGCCACCTGCGGATGGTGGAGGCCAACAGCCGGGGCGTGGTGTGGG
CATCGGTATGACCACACGGCCTGGGTATACACAGGCGGCTATGGAGGCGGTGCTTCCA
AGGCCTGGCCAGCAGCACCAGTAACATCTACACGAGTCAGACGTGAAGTGTGTTACAT
CTATGAGAACCAGCGCTGGAACCCCGTCACAGGCTACACGAGCAGGGGTCTGCCACGGA
CCGGTACATGTGAGCGATGCCTCGGGGCTGCAGGAGTGCACGAAGGCTGGCACGAAGCC
CCCGTCCCTGCAGTGGGCTGGGTTTCCGACTGGTTCTGGGATTTACAGCCTCCGGGGG
CACGGACCAGGAGGGGTGGCAGTATGCCAGCGACTTCCCTGCCTCATACCATGGGTCCAA
AACGATGAAGGATTTTGTGAGGAGGAGGTGCTGGGCCAGAAAATGCAAGCTGGTGACCAG
TGGGCCCTGGCTGGAGGTGCCCCCATCGCCCTCAGGGACGTGTCCATCATCCCGGAGAG
CCCGGGTGCCGAGGGGAGTGGGCACAGCATCGCCCTCTGGGCCGTGAGCACAAGGGGA
TGTGCTGTGCCGCTGGGCGTGTGCGAGCTCAACCCTGCGGGCTCCTCCTGGTGCACGT
TGGCACCGACAGCCCTTCGCTCCATCTCCATCGGGGCTGCTACCAGTGTGGGCCGT
GGCAAGGGACGGCTCCGCTTCTACCGGGGATCCGTGTACCCCTCGCAGCCAGCCGGTGA
CTGCTGGTACCACATCCCGTCCCGACGAGACAGAGGCTGAAGCAGGTGTCCGCGGGCA
GACGTCCGTGTATGCCCTGGATGAGAATGAAACCTGTGGTATCGCCAAGGGATCACGCC
CAGCTACCCGCAGGGCTCCAGCTGGGAGCACGTGTCCAACAACGTGTGCCGAGTGTCCGT
GGGGCCCTGGACCAGGTCTGGGTGATCGCCAACAAAGTGCAGGGCAGCCACAGCCTGAG
CCGGGGGACAGTGTGTCATCGCACCGGCGTGCAGCCTCACGAGCCCAAGGGCCACGGCTG
GGACTACGGCATCGGGGAGGCTGGGACCATATCTGTGTCGGGGCAATGCCACCAGGGC
CCCCGGAGCTCGTCCAGGAGCAGGAGCCGAGTGCCCCACCAGAGGCCCATGGCCCCGT
CTGCTGCTGAGGCCCCCACCACCTACATGCAGGGACGGTGCCAGTTTGGGGGATCA
AGGCTGAGCCATTCTTGTGCTGGAGTGTGCACCGTGGGAGCAATGTGGCCAGGTGGACT
CAGGAGGGAACCTGGCCCAAGGCTGCGGCCACTTCAGAGGCACTGGCTGAGACGGCCCT
GAAATGTGAAGCTCCGCGGACACTCCACACGTGTCCCGCTGTGCGAGGAGTCCCGGGT
GTGGGGCATGGGGTGGGCTGCACCTCCAGAGGCCCTCCACCCCTTCCCTTCCCTCT
CCCTTCTGCCTTTCAGGACTAGAACCGGGAACCTGGAGCCCTCCGGGAACGCCGGCCCT
GGGGCAGCAGAGCCAGGATGGAGCCCTCCTGAGCTGGCATCTCAGACAGCACCCGGGCC
GCCACCCCTCACCAAGAGAGATGGCCATGGGGCTCAGGGCCTCTTACCATGTGCAAGTA
CCATTTCTCAGAGCAGGACTTGCAAAGAGGCTTTAATTTCAAAAGTGAAGGAAGGAGGCC
AGGCGCGGTGGCTCAGCCTGTAATCCAGCACTTTGGGAGGCTGAGGTGGGCAGATCAC
TAGGTCAAGAGTTTCAAACCAGACGGGCCAACATGGTGAAACCCCATCTCTACTAAAAA
TACAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC012529 unedited NGAAGCGGGCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACNNGGGGTGG ACGTGCGCTTGGCCCTGNGACAGTTACGGGGCACGACGGCGTCCGGGACAGCATCCTCT TCATCTACTATGTGGTCNCACGAGGAGAAGAAGTACATCCACATATTCCTGAATGAGGTG GTGGCGCTGGTCCCAGTGTGAACGAGACCAAGCACTCCTTTGCCCTGTACACCCCTGAG CGGACACGGCAGAGGTGGCCGGTGCCTGTGGCTGCTGCCACCGAGCAGGACATGAATGAC TGGCTCGCCCTGCTCAGCCTGTCTTGCTGCGAGAGCCGGAAGGTGCAGGGCCGCCGTCC CCGCAGGCCATCTGGTCCATCACCTGCAAGGGGGACATCTTCGTGAGCGAGCCAGCCCA GACCTGGAGGCCACGAGCACCCCTGCCCTGCGACCAGATGTTTGGCGGCAGATGGGA GGCCACCTGCGGATGGTGGAGGCCAACAGCCGGGGCGTGGTGTGGGGCATCGGCTATGAC CACACGGCCTGNGTATACACAGGCGGCTATGGAGGCGGCTGCTTCCAAGGCCTGGCCAGC AGCACCGTAACATCTACACGAGTCAGACGTGAAGTGTGTTACATCTATGAGAACCAG CGCTGGAACCCCGTCACAGGCTACACCAGAGGGGTCTGCCACGGACCGGTACATGTGG AGCGATGCCTCGGGGCTGCAAGAGTGCACGAAGGCTGGCAGCAAGCCCCCGTCCCTGCAG TGGGCCTGGGTTCCGACTGGTTCGTGGATTTCAGCGTTCCCGGGGGCACGACCAAGAG GGGTGGCAGTATGCCAGCGACTTCTGCCTCATACCATGGGTCCCAAACCATAT
Restriction Sites:	Please inquire
ACCN:	BC012529
Insert Size:	2301 bp
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:	BC012529.1 , AAH12529.1
RefSeq Size:	2301 bp
Locus ID:	25851
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]