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Product datasheet for SC322549

TRIP6 (NM_003302) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIP6 (NM_003302) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIP6
Synonyms:	OIP-1; OIP1; TRIP-6; TRIP6i2; ZRP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene sequence for SC322549
ACGAGGTGCGGGACGGAAGAGGGGGTGAAGGCCAGAGGCTCGGGGCTTCAAGACCGCTGT
CTGGAGTCCCCCTTTCCAGGCCATGTCGGGGCCCACCTGGCTGCCCCCGAAGCAGCCGGA
GCCCGCCAGAGCCCCTCAGGGGAGGGCGATCCCCCGCGGCACCCCGGGGCCACCACCGGC
CCACGGAGCAGCACTCCAGCCCCACCCCAGGGTCAATTTTTGCCCCCTTCCATCTGAGCA
GTGTTACCAGGCCCCAGGGGGACCGGAGGATCGGGGGCCGGCGTGGGTGGGGTCCCATGG
AGTACTCCAGCACACGCAGGGGCTCCCTGCAGACAGGGGGGGCCTTCGCCCTGGAAGCCT
GGACGCCGAGATAGACTTGCTGAGCAGCACGCTGGCCGAGCTGAATGGGGGTCGGGGTCA
TGCGTCACGGCGACCAGACCGACAGGCATATGAGCCCCCGCCACCTCCTGCCTACCGCAC
GGGCTCCCTGAAGCCAAATCCAGCCTCGCCGCTCCCAGCGTCTCCCTATGGGGGCCCCAC
TCCAGCCTCTTACACTACCGCCAGCACCCCGGCTGGCCCAGCCTTCCCCGTGCAAGTGAA
GGTGGCACAGCCAGTGAGGGGCTGCGGCCCACCCAGGCGGGGAGCCTCTCAGGCCTCTGG
GCCCCTCCCGGGCCCCCACTTTCCTCTCCCAGGCCGAGGTGAAGTCTGGGGGCCTGGCTA
TAGGAGCCAGAGAGAGCCAGGGCCAGGGGCCAAAGAGGAAGCTGCTGGGGTCTCTGGCCC
TGCAGGAAGAGGAAGAGGAGGCGAGCACGGGCCCCAGGTGCCCCTGAGCCAGCCTCCAGA
GGATGAGCTGGATAGGCTGACGAAGAAGCTGGTTCACGACATGAACCACCCGCCCAGCGG
GGAGTACTTTGGCCAGTGTGGTGGCTGCGGAGAAGATGTGGTTGGGGATGGGGCTGGGGT
TGTGGCCCTTGATCGCGTCTTTCACGTGGGCTGCTTTGTATGTTCTACATGCCGGGCCCA
GCTTCGCGGCCAGCATTTCTACGCCGTGGAGAGGAGGGCATATTGCGAGGGCTGCTACGT
GGCCACCCTGGAGAAATGTGCCACGTGCTCCCAGCCCATCCTGGACCGGATCCTGCGGGC
TATGGGGAAGGCCTACCACCCTGGCTGCTTCACCTGCGTGGTGTGTCACCGCGGCCTCGA
CGGCATCCCCTTCACAGTGGATGCTACGAGCCAGATCCACTGCATTGAGGACTTTCACAG
GAAGTTTGCCCCAAGATGCTCAGTGTGCGGTGGGGCCATAATGCCTGAGCCAGGTCAGGA
GGAGACTGTGAGAATTGTTGCTCTGGATCGAAGTTTTCACATTGGCTGTTACAAGTGCGA
GGAGTGTGGGCTGCTGCTCTCCTCTGAGGGCGAGTGTCAGGGCTGCTACCCGCTGGATGG
GCACATCTTGTGCAAGGCCTGCAGCGCCTGGCGCATCCAGGAGCTCTCAGCCACCGTCAC
CACTGACTGCTGAGTCTTCCTAGAAGTACCTGCTGGGTTCTCAGTTCCAGTTCCCATCCT
TTGATTGATCACTCTCCCTGACATCCACCTGTATGACTTTGTCACCAAATGCTGTCTTCT
CTTTCTCCAATCAAGAAATAATAATCCCTCGAGTTTACAAAACAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_003302

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_003302.2, NP_003293.2
RefSeq Size:	1762 bp
RefSeq ORF:	1431 bp
Locus ID:	7205
UniProt ID:	Q15654
Cytogenetics:	7q22.1
Domains:	LIM
Protein Families:	Druggable Genome
Protein Pathways:	NOD-like receptor signaling pathway
Gene Summary:	This gene is a member of the zyxin family and encodes a protein with three LIM zinc-binding domains. This protein localizes to focal adhesion sites and along actin stress fibers. Recruitment of this protein to the plasma membrane occurs in a lysophosphatidic acid (LPA)-dependent manner and it regulates LPA-induced cell migration. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]