

Product datasheet for **RG205778**

TRIP6 (NM_003302) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIP6 (NM_003302) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIP6
Synonyms:	OIP-1; OIP1; TRIP-6; TRIP6i2; ZRP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG205778 representing NM_003302
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCGGGGCCACCTGGCTGCCCCGAAGCAGCCGGAGCCGCCAGAGCCCTCAGGGGAGGGCGATCC
 CCCGCGGCACCCCGGGCCACCACCGGCCACGGAGCAGCACTCCAGCCACCCAGGGTCAATTTTGG
 CCCCCTTCCATCTGAGCAGTGTACCAGCCCCAGGGGACCGGAGGATCGGGGGCCGGCTGGGTGGGG
 TCCCATGGAGTACTCCAGCACACGAGGGCTCCCTGCAGACAGGGGGGCCCTTCGCCCTGGAAGCTGG
 ACGCCGAGATAGACTTGGCTGAGCAGCAGCTGGCCGAGCTGAATGGGGTTCGGGGTTCATGCGTACAGCG
 ACCAGACCAGGCATATGAGCCCCGCCACCTCCTGCCTACCGCACGGGCTCCCTGAAGCCAAATCCA
 GCCTCGCCGCTCCAGCGTCTCCCTATGGGGGCCCACTCCAGCCTTTACTACTCCGCCAGCACCCCGG
 CTGGCCAGCCTTCCCCGTGCAAGTGAAGTGGCACAGCCAGTGAAGGGTGCAGCCACCCAGGGGGG
 AGCCTCTCAGGCCTCTGGCCCCCTCCGGGCCCACTTTCTCTCCAGCCGAGGTGAAGTCTGGGGG
 CCTGGCTATAGGAGCCAGAGAGGCCAGGGCCAGGGGCCAAAGAGGAAGCTGCTGGGGTCTCTGGCCCTG
 CAGGAAGAGGAAGAGGAGGCGAGCACGGGCCCAAGGTGCCCTGAGCCAGCTCCAGAGGATGAGCTGGA
 TAGGCTGACGAAGAAGCTGGTTCACGACATGAACCACCCGCCAGCGGGGAGTACTTTGGCCAGTGTGT
 GGCTGCGGAGAAGATGTGGTGGGGATGGGGTGGGGTGTGGCCCTTGATCGCGTCTTTACGTGGGCT
 GCTTTGTATGTTCTACATGCCGGGCCAGCTTCGCGGCCAGCATTTCTACGCCGTGGAGAGGAGGGCATA
 TTGCGAGGGTGTACTGGCCACCCTGGAGAAATGTGCCAGTGTCTCCAGCCATCCTGGACCGGATC
 CTGCGGGCTATGGGAAGGCCTACCACCCTGGCTGCTTCACTGCGTGGTGTGTACCCCGGCCTCGACG
 GCATCCCCTTACAGTGGATGCTACGAGCCAGATCCACTGCATTGAGGACTTTACAGGAATTTGCCCC
 AAGATGCTCAGTGTGCGGTGGGGCCATAATGCCTGAGCCAGGTGAGGAGGAGACTGTGAGAATTGTTGCT
 CTGGATCGAAGTTTTACATTGGCTGTTACAAGTGCAGGAGTGTGGGCTGCTGCTCCTCTGAGGGCG
 AGTGTGAGGGCTGCTACCCGCTGGATGGGCACATCTTGTGCAAGGCCTGCAGCGCCTGGCGCATCCAGGA
 GCTCTCAGCCACCGTCACTACTGACTGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG205778 representing NM_003302
 Red=Cloning site Green=Tags(s)

MSGPTWLPKQPEPARAPQGRAIPRGTPGPPPAHGAALQPHPRVNFCLPSEQCYQAPGGPEDRGPAAWG
 SHGVLQHTQGLPADRGGLRPGSLDAEIDLSSSTLAELNGGRGHASRRPDRQAYEPPIPPAYRTGSLKPNP
 ASPLPASPYPGGPTASYTTASTPAGPAFPVQKVAQPVRGCGPPRRGASQASGPLPGPHFPLPGRGEVWG
 PGYRSQREPGPGAKEEAAGVSGPAGRGRGGEHGPVPLSQPPEDELDRLTKKLVHDMNHPPSGEYFGCCG
 GCGEDVVDGAGVVALDRVHVGCFCVSTCRAQLRGQHFYAVERRAYCEGCYVATLEKCATCSQPILDRI
 LRAMGKAYHPGCFCTCVVCHRGLDGIPTVDATSIHCIEDFHRKFAPRCSVCGGAIMPEPGQEETVRIVA
 LDERSFHIGCYKCEECGLLLSSEGECCQCYPLDGHILCKACSAWRIQELSATVTTDC

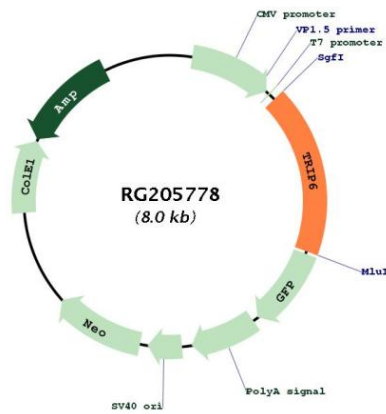
TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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]

Product images:



Circular map for RG205778