

Product datasheet for RN214387

Trp53i13 (NM_001105818) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trp53i13 (NM_001105818) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trp53i13
Synonyms:	RGD1559818; Trp53i13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214387 representing NM_001105818 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTTCCTCCTCCACCTCCGTCGCCGTTGCTTCTGGTAGCCCTGGTGGTCTCCTGAGTCTTCACG
AGGTGGTGGCTGAGCCGGCGGAGGAGGCAGGAACCCGTTGCCGAAGGCTGTGGCTCTGCCTCCACA
GGTGTACCAAGAGTGACTTACACACAGGTGAGACAAGGACAGGCTGAGGGTATCACTTTCTTACCAC
CCCTGTGCCACCTCTGGCTGAAGCTCCAGCTTGTGTCTTGGCCATTTGTGTGGCTAAGCCACAC
TCATTCTGACTTCAGTCTCCCTGGGACCGCCCTTGGTGTGACAGCATGGGGACTGACTGGAGAT
GGCTTGGATAGAGCCAGCCTGGGCTGCCAATGGCTGAAGAGGCAGTGGCGGCAGCGAGGCGGAAGCAG
AGAAAGAGTGTGTGGTTTCTCTGACAATCTTTTGGGCCACTCCCATGATGCCAGCCCCAGAAGAG
GGAAGCTGTGTGGGAGACGCTGTGTACAGGCCCGACTCTGGCTTTTGTCTGCGGAGCTGGCGACTCC
TGGTGTAGAGGTGACATCTAGAGGACCCAGGAGGTCTCACTCAGTGTGTCAAGAAAAGGGTCTCCGT
GCTGCCCTTGGTCTACAATCCACTCCCTCAGGCCTGAGGGTTTCTTGGCTCTTACAGAGCCTGAAGG
CCCAGCAGCGGACTTTGGGAACTCATCTGTGGCCCCGGTCTCCTTGATGACTGGGTAAGTGAAGGCAA
TGGTAGGTTTCCAGACAGAGGCTCAGATGCCAGTGGGCAAGGCAACCCTGGAGGTTGTGCTTGTCCGGT
CAGGTTTCCCAGCTCCTCGAGCAGCAGTGCCTCCCCGGTAGCTCGAGGGCCACTCCAGTACTGAAG
AGGCCGCTTGGGCTGCCATGGCCCTGACCTTCTGCTGGTCTGCTCACCTTGGCTACGCTTGGCAGCAG
ACTGCACCGGAACTTCCGAGGAGCGAGAGTATCTACTGGGGGCCACGTGAGACAGCCAGGACACCGTG
GCTGCTATCCTGAAACGGAGGCTGCCCTTGCCTCGCGCCGGATCAAGCGGTCTCGAAGACGGCCCTGC
TCCACCCACACCGGATAGTGGCCCTGACTCGGAGAGCTCGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001105818
Insert Size:	1167 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:	<ol style="list-style-type: none">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_001105818.1</u> , <u>NP_001099288.1</u>
RefSeq Size:	1392 bp
RefSeq ORF:	1167 bp
Locus ID:	287550
UniProt ID:	<u>B0BN44</u>
Cytogenetics:	10q24
Gene Summary:	May act as a tumor suppressor. Inhibits tumor cell growth, when overexpressed (By similarity).[UniProtKB/Swiss-Prot Function]