

Product datasheet for RN212222

Txndc15 (NM_001024998) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Txndc15 (NM_001024998) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Txndc15
Synonyms:	RGD1304696
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212222 representing NM_001024998 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCAACTCCTATGCTGGTGGCAAATACTGCTGTGGGTGCTGGGCCTCCGGCCCGCGCCTGGAGGAGG
ACAGTGGTCACACGTGGCAGGAGGAGCGGCCAGTCCCAGCTCTCCAGGTTGGATCTGTGTACCTGAATGA
AGAGGAGGCTGCACAGGGCCATCGGGTCCAGGCAAGAGTGGCGGAGCCCTCTGAGGCCTCTCTGGGTCCC
CGCGGAGATCCCATGGTGGTGTGTCGGTGATTCGCGGGCAGCTGAGGACCAACGGAGCACCGAGGCC
ACGATGGCACCTGCAGTGCAGGGAGACGAAGACCCGCGCTGCGGTGGCCGAGAGAACCTCTTCGGGCT
TCAGGGTGCAGGCGGCTCCAGGATCGGGAAGAGGAGTACTATGCCGAGCCTGGAGTGGCAGAGGCCGAG
CCCGTAGCCACTGAGGATGCCAACAGCACCGACAGCCTCAAGTCCCCAAGGTGAACTGTGAGGAGAGGA
ATGTGACCGGGCTAGAAACTTCACTCTGAAGATTTAAATATGTCCCAGGACCTCATGGATTTCTCTAAA
CCCAATGGTAGTGACTGTACGCTGGTCTCTTATACCCCATGGTGCCGATTCTCTGCCAGCCTGGCT
CCTCATTTAACTCCCTGCCTCGCGATTTCCAACACTCGGCTTTTTGGCTCTGGATGCATCTCAGCACA
GCAGCCTTTCTACCAGATTTGGCACTGTAGCTGTCCCTAACATTTGTTATTTCAAGGAGCCAAACCAAT
GGCGAGGTTTAAACATACAGATCGAACCTTGAAAACACTGAAAATCTTCATTTCAATCAGACAGGTATA
GAAGCCAAGAAAAATGTGGTGGTAACGCAGGCTGACCAACTGGGCCCGCTCCCGAGCAGTGGTAAAGA
CTGTGGATTGGCTGCTTGTGTTTTCTTTCTTTTAAATTTAGTTTCATTATGTACGCTACCATCCGCAC
TGAGAGTATCCGGTGGCTGATTCCAGGACAAGAGCAGGAACACGCAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001024998
Insert Size:	1032 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_001024998.1</u> , <u>NP_001020169.1</u>
RefSeq Size:	1548 bp
RefSeq ORF:	1032 bp
Locus ID:	307180
UniProt ID:	<u>Q5BJT4</u>
Cytogenetics:	17p14
Gene Summary:	Acts as a positive regulator of ciliary hedgehog signaling. Required for cilia biogenesis. [UniProtKB/Swiss-Prot Function]