

Product datasheet for RN207660

Txndc12 (NM_001100840) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Txndc12 (NM_001100840) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Txndc12
Synonyms:	RGD1305960
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207660 representing NM_001100840 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGCTTCGTTTCGGGGCCACCTGTTTGCTGAGCTTCAGTTTCCTGCTCCTCATCACTTCTTCAGACG
GACGCACTGGGCTTGAAAGGGTTTGGAGATCATATTCCTGGAGGACTCTAGAAGATGGGAAGAAAGA
AGCAGCTGCAAGTGGCTTGGCGTATGGTGATCATCCACAAGTCTTGGTGTGGAGCCTGCAAAGCTTTA
AAACCAAATTTGCAGAATCTACAGAAATTCAGAACTGTCCATAATTCGTTATGGTAAATCTGGAGG
ATGAAGAGGAACCCAGGGATGAAGACTTCACTGCTGATGGGGTTATATTCGCGCATCCTTTTCTGGG
TCCAGTGGCAAGTGGCCCTGAAATCATCAATGAGAGTGGAAACCCAGCTACAAGTATTTCTACGTC
AGTGCTGAGCAAGTTGTTCAAGGGATGAAGGAAGCACAGGTGAGGCTGACTGGTATGCCTTCAGAGAGA
AACATTTTCAGGATGAATTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001100840
Insert Size:	513 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).



[View online »](#)

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_001100840.1</u> , <u>NP_001094310.1</u>
RefSeq Size:	1386 bp
RefSeq ORF:	513 bp
Locus ID:	298370
UniProt ID:	<u>Q498E0</u>
Cytogenetics:	5q34
Gene Summary:	Possesses significant protein thiol-disulfide oxidase activity.[UniProtKB/Swiss-Prot Function]