

Product datasheet for MR218050

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Txnl4a (NM_001038608) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Txnl4a (NM 001038608) Mouse Tagged ORF Clone

Tag: Myc-DDK
Symbol: Txnl4a

Synonyms: D18Wsu98e; Dim1; ENSMUSG00000057130; Txnl4; U5-15kD; U5-15kDa

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)ORF Nucleotide>MR218050 ORF sequence

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGTCGTACATGCTTCCGCATCTGCACAATGGCTGGCAGGTAGACCAGGCCATCCTTTCGGAGGAGGACCGCGTGGTCGTCATTCGTTTCGGACACGACTGGACCCCACTTGCATGAAGATGGACGAGGTTCTGTACAG

CATCGCCGAAAAGAAATGGAAGATAGTGGGAGATCTTCCTCATCTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR218050 protein sequence

Red=Cloning site Green=Tags(s)

 ${\tt MSYMLPHLHNGWQVDQAILSEEDRVVVIRFGHDWDPTCMKMDEVLYSIAEKKWKIVGDLPHLV}$

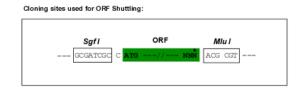
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

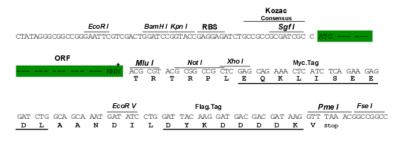
Restriction Sites: Sgfl-Mlul





Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_001038608

ORF Size: 192 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 001038608.3</u>

RefSeq Size: 1683 bp



RefSeq ORF: 192 bp Locus ID: 27366

Cytogenetics: 18 53.34 cM

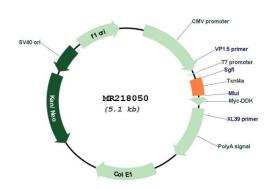
MW: 7.4 kDa

Gene Summary: Plays role in pre-mRNA splicing as component of the U5 snRNP and U4/U6-U5 tri-snRNP

complexes that are involved in spliceosome assembly, and as component of the precatalytic

spliceosome (spliceosome B complex).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218050