

## Product datasheet for **RN216912**

### **Tdrkh (NM\_001014038) Rat Untagged Clone**

#### **Product data:**

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                     |
| Product Name:      | Tdrkh (NM_001014038) Rat Untagged Clone |
| Tag:               | Tag Free                                |
| Symbol:            | Tdrkh                                   |
| Synonyms:          | RGD1311196                              |
| Vector:            | pCMV6-Entry (PS100001)                  |
| E. coli Selection: | Kanamycin (25 ug/mL)                    |
| Cell Selection:    | Neomycin                                |



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**Fully Sequenced ORF:** >RN216912 representing NM\_001014038  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCACCGAACGAACCTTCATGGACAAACCTGTCCACTATTCAGAAAATAGCCCTGGCCCTGGGAATTC  
 CAGCAAGTGCACAGTTGCCTACATCCTGTATCGTCGATACAGGAAAGTAGAGAAGAGAGATTGACATT  
 TGTTGGAGAAGATGACATTGAAATAGAGATGCGAGTCCCAAGAACTGTGAAGCTCATATTGGTCGA  
 CAAGGAGCCAATATTAACAGCTGCGGAAGCAGACAGGTGCTCGGATTGATGTGGACACGGAGGATGTAG  
 GCGATGAGCGGTGCTGCTGATCAGTGGTTTTCTGTTCAGGTGTGCAAGGCCAAAGCAGCAATCCATCA  
 AATCCTGACAGAGAACACCCAGTGTGGAGCACTCTGTCCCCAGAGATCTGTGGCAGAATCATA  
 GGGAGAGCGGTGAGACCATTCTTCTATCTGTAAGGCTTCTGGAGCCAAAATCACTTGCACAAGGAAT  
 CAGAGGGAACATTACTACTCTCAGACTTATAAAAATCTCAGGAACACAGAAGGAAGTGGCTGCAGCCAA  
 GCATCTGATACTGGAGAAAGTTTCAGAAGATGAGGAACCTCGGAAGAGAATTGCCATTCTCAGAAACC  
 AGAGTCCCCGAAAGCAGCAATCAGCGTGAGAAGAGAGGAAGTACAGAGCCTGGTGGAGCTGGAGAAG  
 CAGCTTTATGGAAAATACAAATTTCTAGCATGGGACCAGCTGCACCCCTGGAAAGTTCCTCTCCGCAAGG  
 AGGTGGTGATATGGTTGTTGTAGGACAAAAGAAGTTCTGGGAGAAACCTAATGATGACAGCTTTTCAG  
 AATTCTGGTGCCAGAGCAGTCCAGAGACGTCTATGTTTGAATTTCCAGTCTGACTTCAGTTTCCATG  
 CTGATGAGTACCTAGAAGTCTACGTTTCTGCTTCTGAACCCCTAACCCTTCTGGATCCAGATCATTGG  
 TTTCCCGCAGCCTACAGTTGGATAAACTTGTGAGTGTGACCCAGCACTATGAGAATAGTCTGCCTGAA  
 GACCTGACTGTGCATGTAGGAGACATTGTAGCAGCACCCCTATCTACAAATGGTTCCTGGTATCGAGCCC  
 GGGTTCTGGGAACCTTGGAAAATGGAACTTGGACCTCTACTTTGTTGACTTTGGAGATAATGGAGATTG  
 CCCACTAAAGGATCTCAGGGCTCTCAGGAGTGACTTTCTAAGTCTCCATTTCAAGCAATAGAATGCAGT  
 CTGGCACGGATTGCCCTCAGGTGAAGAGTGGGAAGAGGAAGCTCTAGATGAGTTTGACAGACTCACTC  
 ACTGTGCTGACTGGAAGCCCTGGTGGCCAAGATTTCTAGCTATGTCCAGACTGGAATTTCAACTTGGCC  
 AAAGGTCTATTTATGATACCAGCAATGGAAAGAACTTGTATTTGGGCTAGAATTAGTTCGTAAGGA  
 TATGCAGTTGAACCTTCTGAAGACATGGAAGAAAATAGAAGTGTCCAGATATGTTGAAGGACATGGCCA  
 CAGAAACAGATGATTCTTTGCAAGCATACTCACTGAGACAAAAAGAGCCCTGAAGAGATACCACATAC  
 CCTGTCCTGCCTCAGCTTATCAGAAGCTGCCTCTATGTCTGGTGATGATAACCTTGAAGATGACTTATTC  
 TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001014038
- Insert Size:** 1683 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:** [NM\\_001014038.2](#), [NP\\_001014060.2](#)

**RefSeq Size:** 1970 bp

**RefSeq ORF:** 1683 bp

**Locus ID:** 310652

**Cytogenetics:** 2q34