

Product datasheet for **RN216442**

Wnt7a (NM_001100473) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wnt7a (NM_001100473) Rat Untagged Clone
Tag: Tag Free
Symbol: Wnt7a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216442 representing NM_001100473
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCCGGAAAGCGCGGCTGCCTGGGCCACCTCTTCTCAGCCTGGGCATAGTCTATCTCCGGATCG
GTGACTTCTCTTCGGTTGTGGCTCTGGGTGCGAGCATCATCTGTAACAAGATCCCAGGCCTGGCTCCCAG
ACAGCGGCAATCTGCCAGAGTCGGCCGGACGCCATCATCGTCATAGGAGAAGGCTCCCAAATGGGCCTG
GACGAGTGTCAAGTTTCAGTTCCGCAATGGCCGTTGGAACGTTCAGCGCTGGGAGAGCGCACTGTCTTCG
GGAAGGAGCTCAAAGTGGGGAGTCGGGAGGCCCTTACCTATGCAATTATTGCTGCGGGTGTGGCCCA
TGCCATCACCGCTGCCTGCACCCAAGGCAACCTGAGTACTGTGGCTGCGACAAGGAGAAGCAAGGCCAG
TACCACCGGACGAGGGCTGGAAGTGGGGTGGCTGCTCTGCCGACATCCGCTACGGCATCGGCTTCGCCA
AGGTCTTCGTGGATGCCCGAGAGATCAAGCAGAATGCCGAACCTCATGAACTTACACAATAACGAGGC
AGGCCGGAAGATCCTGGAGGAGAACATGAAACTGGAGTGAAGTGCCATGGCGTGTGAGGATCCTGTACC
ACTAAGACGTGCTGGACCACACTGCCACAATCCGAGAGCTAGGCTACGTGCTCAAGGACAAATACAACG
AGGCCGTCCATGTGGAACCTGTCCGTGCCAGTCGGAACAAGCGGCCACCTTTCTGAAGATCAAGAAGCC
CCTGTCTACCGTAAGCCATGGACACTGATCTGGTGTACATCGAGAAGTACCCAACTACTGTGAAGAG
GACCCAGTGACAGGCAGCGTGGGCACACAGGGCCGTGCCTGCAATAAGACAGCCCTCAGGCTAGTGGCT
GTGACCTCATGTGCTGCGGCCGTGGCTACAACACACACCAGTATGCCCGGTGTGGCAGTGAACCTGCAA
ATTCCACTGGTGTGCTACGTCAAGTGTAAACACATGCAGCGAGCGCACAGAGATGTATACGTGCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100473
Insert Size: 1050 bp



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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:	<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_001100473.1, NP_001093943.1</u>
RefSeq Size:	3150 bp
RefSeq ORF:	1050 bp
Locus ID:	114850
Cytogenetics:	4q34
Gene Summary:	mouse homolog plays a role in cerebellar maturation and neuronal plasticity [RGD, Feb 2006]