

Product datasheet for **RG206079**

ATXN7L1 (NM_152749) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ATXN7L1 (NM_152749) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ATXN7L1
Synonyms: ATXN7L4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG206079 representing NM_152749
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGTCGGAGCGTTCTCGAATCCCGTGTCTCTCGGCTGCTGCTGCCGAAGGAACAGGGAAAAAGCAAC
AAGAAGGAAGAGCAATGGCGACTGGATCGCAAAGTGCCAGTCCGGAGGCGTTTCTGGGCAAACCCTG
GTCCTCTGGATCGACGCCCAAATTACTGCTCCGACAATGTAGATTTAGAAGAGGCTGAAAAGAG
GGTGAAAAAGCAGGGAGGTTATGAGGCTTAATAAAGAAGATATGCACTATTTGGCCATTACCCAGCAC
ATGACGACTTCTATCTCGTAGTGTGAGTGCCTGTAACCAGGTCGTAAGCCACAGGTTTTCCAGTCGCA
CTGCGGGAGAAAGCAAGACAACAGGAGAAATGAAGGCATCTCCAGGAGTGGACCAGAGAGCAGCCAAGCC
ATAGAGAAGCATCAGGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG206079 representing NM_152749
Red=Cloning site Green=Tags(s)
MTSERSRIPCLSAAAAGTGGKQEQGRAMATLDRKVPSEAF LGKPWSSWIDA AKLHCSDNVDLEEAGKE
GGKSREVMRLNKEDMHLFGHYPAHDDFYLVVCSACNQVVKPQVFQSHCGRKQDNRRNEGISRSGPESSQA
IEKHQV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_152749

ORF Size: 438 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: [NM_152749.3](#)

RefSeq Size: 1530 bp

RefSeq ORF: 441 bp

Locus ID: 222255

UniProt ID: [Q9ULK2](#)

Cytogenetics: 7q22.3

Product images:



Circular map for RG206079