

Product datasheet for **RC226220**

ATXN7L1 (NM_020725) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATXN7L1 (NM_020725) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ATXN7L1
Synonyms:	ATXN7L4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC226220 representing NM_020725
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGTCGGAGCGTTCTCGAATCCCGTGTCTCTCGGCTGCTGCTGCCGAAGGAACAGGGAAAAAGCAAC
 AAGAAGGAAGAGCAATGGCGACTGGATCGCAAAGTGCCAGTCCGGAGGCGTTTCTGGGCAAACCCCTG
 GTCCTCTGGATCGACGCCGCAAAATTACACTGCTCCGACAATGTAGATTTAGAAGAGGCTGAAAAAGAG
 GGTGAAAAAGCAGGGAGGTTATGAGGCTTAATAAAGAAGATATGCACTTATTTGGCCATTACCCAGCAC
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 CTGCGAGAGAAGACCGTTCAATGTGTAGACCTTCTCCCTCTCCAGTGTCTCCAGCCTCCAATCCCAGG
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 ATCAAGGGATAAACCATGTGTTCCAGTTCCTGTAGTCAGTTTAGAGAAAATTCCTAACCTAGTGAAGGCA
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 GCACTAAACTCCATGGTAGAAAAACACCTGAATTCACAGATGTGGAAGAAGATCCCTCCTGCGGCAGATA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC226220 representing NM_020725
 Red=Cloning site Green=Tags(s)

MTSERSRIPCLSAAAAEGTGKKQQEGRAMATLDRKVPSPAEFLGKPWSSWIDAAKLHCSDNVDLEEAGKE
 GGKSREVMRLNKEDMHLFGHYPAHDDFYLVVCSACNQVVKPQVFQSHCERRHGSMCRPSPSPVSPANPR
 TSLVQVKTAKLSGHHASSTSKPFKTPKDNL TSSSKQHTVFPAGKSRDKPCVVPVVSLEKIPNLVKA
 DGANVKMNSTTTTAVSASSTSSAVSTPPLIKPVLMSKSVPPSPEKILNGKILPTTIDKKHQNGTKNSN
 KPYRRLSEREFDPNKHCGVLDPETKKPCTRSLTCKTHSLSHRRVAVPGRKKQFDLLLAEHKAKSREKEVKD
 KEHLLTSTREILPSQSGPAQDSLLGSSGSSGPEPKVASPAKSRPPNSVLPRPSSANSISSSTSSNHSHT
 PEPPLPPVGGDLASRLSSDEGEMDGADESEKLDQCQFSTHHPRLAFCFSGSRMGRGYVDFRRWDRFRF
 ALNSMVEKHLNSQMWKIPPAADSPLPSPAHHITTPVPASVLQPF SNPSAVYLPSAPISSRLTSSYIMTS
 AMLSNAFVTPDPSALMSHTTAFPHVAATLSIMDSTFKAPSAVSPIPAVIPSPSHKPSKTKTKSKSKVK
 DLSTRSDESPSNKKRKPQSTSSSSSSSSSLQTSLSPLSGPHKNCVNLASSALNSYQAAPPYNSLSV
 HNSNNGVSPLSAKLEPSGRSLPGGPADIVRQVGAVGGSSDSCPLSVPSLALHAGDLSLASHNAVSSLPL
 SFDKSEGGKRRKNSSSSSKACKITKMPGMNSVHKKNPPSLLAPVPDPVNSTSSRQVGKNSSLALSQSSPSS
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

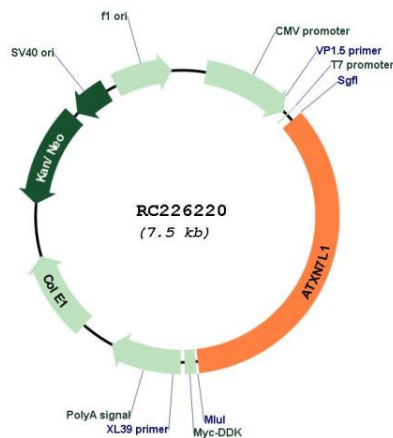
Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:	NM_020725
ORF Size:	2583 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:	<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_020725.1</u> , <u>NP_065776.1</u>
RefSeq ORF:	2586 bp
Locus ID:	222255
UniProt ID:	<u>Q9ULK2</u>
Cytogenetics:	7q22.3
MW:	91.3 kDa

Product images:


Circular map for RC226220