

Product datasheet for **RG219511**

MOV10L1 (NM_018995) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MOV10L1 (NM_018995) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MOV10L1
Synonyms:	CHAMP; DJ402G11.8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219511 representing NM_018995 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGAGCCTCGCAGCCAAGCTGGTGGCCTTCTTCTGGAGGACGGCGGACACCCCTAGGGAGGAAGCCG
GGCAGCTGGAGCCCGAGCTCGCGAAGGTGACACTAAGCTGAAAACGTACGGGGTGTCTGACAAGGTA
CTGCAGCGATTATGGCATGATTGATGATGATCTACTTCTCCAGTGATGCTGTGACTAGCAGAGTGCTT
CTGAATGTTGGACAGGAAGTGATTGCAGTTGTGGAAGAAAATAAAGTGCCAATGGAAGCAATCA
GGGTAGAAGCTGTCTCTGATAAGTGGGAAGACGACAGCAGAAACCATGGGAGTCCCTCAGACTGCGGCC
CCGAGTGTTGATTGGCTGTGTGACTTCCCTGGTGGAGGGCGCAGGCTGTATCAGTCAGACCACCTACTTC
TCTCTGGAGAGTGTTGCGAAGGCTTCGAGCCCTGCAAGGGAGACTGGGTGGAGGCTGAGTACCGGATCC
GGCCTGGCAGCTGGAGCAGCGAAGCCACCTCAGTGAAGCCACTGAGATACAAGCGCGTGGACAAGGTCTG
CATCTCTAGCCTCTGTGGAAGGAACGGGGTGTTAGAGGAAAGCATCTTCTTTACCTTGGACTCCTTGAAA
CTGCCAGATGGGTACACACCCCGAGAGGTGACGTGGTCAATGCAGTGGTGGTGGAGAGCAGCCAGTCAT
GCTATGTCTGGAGGGCGCTTTGTATGACCCTAGTGAAGAGGCGAGACGCCGCCCTGTTTCATGAGGCCAC
TCATTTCTATGGAACGATTTTGTGAAGAACAAAGGTGATTTGAAGTTACACAGGTGACGCATTTTGGA
ACCCTAAAGGAAGGAAGAAGTAAACCATGGTGATCTGGATAGAGAATAAAGGAGACATTCCTCAAAAT
TAGTCAGCTGTAACTGGCTGGCTGGGATAAATCTAAACAATTGAGATTCCAAATGCTGGATAAAGACCA
GATGTGCCCCGTGGTATCTTTTGTCTGTTTCTGAGAAGGAGAATTCATCAGATGAAAAATTAATTCA
TTAAATAGCCACACAAAAACAAACCTCTCAGATGTCGAGAGCAGTTTGGTGAACAACAGAGGAATCT
CTCCAGGTGATTGTACCTGTAAAGGAGAAAAATGGAGAAAAAGACAACATTCTATCAAGGAAGCAGATGAC
AGAGCCTGAGCCTGGGGGGCTTGTCCCTCCAGGGGAAAAACCTTCATTGTGGTCATCTGTGACGGAAAA
AATCCTGGCCGTGCAAGGAGCTCCTTTTGCTTTGTTTTCCGATTCCTAATTGGGCGATACCTTGAAG
TAAATGTTATCAGTGGGAGGAGTCACTAATTGCTGCGCGCAACCATTTTCTTGAAAAAGCTTAAAG
TTCACAAGCGTTAACATCCGCAAAACCTACAGTTGTTGTGACCGCACAGAAAAGGAACCTCAAGACGACAA



[View online »](#)

CTTCCAAGTTTTCTTCCCAATATCCAATCCCAGATAGACTTAGAAAATGTGTGGAACAAAAATTGACA
 TCCTGACTTTCCAGCCATTACTTGCAGAGCTTCTGAACATGTCAAATTACAAGGAGAAGTTTTGACTTT
 GCTGTGGCTTGAGGAGATTTATGCAGAAATGGAAGTAAAGAGTAAACATGAGCGGGATCATCTTAAGA
 AGGAATGGGGATCTGCTGGTTCTGGAGGTCCCAGGTTGGCCGAAGGGAGGCCTTCTCTACGCAGGTG
 ATAAACTGATTTAAAACTCAAGAGTACAATGGACATGCCATCGAATACATCAGCTACGTGACTGAGAT
 TCATGAAGAAGATGTAACCTTAAAAATTAATCCAGAATTTGAACAAGCCTATAACTTTGAACCTATGGAT
 GTGGAATTTACATATAATAGGACCACAAGCAGACGGTGTCACTTTGCACCTTGAACACGTCACTCCACTTAG
 GTGTAAAAGTGTTGTTTCCAGAAGAAATTATTTTACAGTCTCCACAAGTGACGGGAAATTGGAACCATGC
 ACAAGACACCAAAAGCAGTGGACAGTCCACCAGCAAAAAGAATAGGAAAAAATGACGGACCAAGCTGAG
 CATGGAACAGAGGAGAGGCGTGTGGTGACAAGGACCTGCCGGTGTGGCACCCTTTACTGCAGAGATGA
 GCGATTGGGTAGATGAAATTCAGACCCCTAAAGCAAGAAAGATGGAGTTTTTCAACCCAGTGCTAAATGA
 AAATCAGAAGTTAGCAGTTAAAAGGATTCTGAGTGGTGAAGTCCCGTCCCTCCGTATATTCTCTTTGGA
 CCTCTGGTACTGGAAGACAGTGACAATAATAGAGGCTGTTTTACAGGTACACTTTGCCTTGCCGGACA
 GTCGGATTTTAGTCTGTGCGCCCTCAACAGTGTCTGACCTCGTGTGTCTGCGGCTGCACGAGAGCAA
 GGTGCTACAGCCGGCCACCATGGTCCGGTGAACGCCACCTGCAGTTTCGAGGAGATAGTTATTGACGCC
 GTCAAACCGTATTGCAGAGACGGAGAAGACATCTGGAAAGCCTCACGCTTCCGGATAATCATCACCACAT
 GCAGCAGCTCAGGGCTGTTTTACCAATAGGAGTGAGAGTTGGGCACTTCACTCACGTGTTTGTGGACGA
 GGCTGGGAGGCAAGTGAGCCGGAATGCCTCATTCTCTGGGGCTGATGTCGGACATCAGTGGCCAGATC
 GTGCTGGCAGGAGACCCATGCAGCTCGGACCAAGTCAATTAAGTCCAGACTCGCCATGGCCTATGGGCTGA
 ACGTGTCTTTTTGGAACGGCTGATGTCTCGACCCGCGTACCAGAGGGACGAAAATGCTTTCGGTGCTTG
 TGGCGCACATAATCCCTGTTGGTCACAAAGCTGGTGAAGAACTACCGGTCCCACGAGGCCCTGCTGATG
 CTGCCCTCACGGCTGTTCTACCACAGGGAAGTCAAGGTCTGTGCGGACCCACAGTGGTGACCTCCTTGC
 TGGGCTGGGAGAAGTTGCCTAAGAAAGGCTTCCCTCTCATCTTCCATGGTGTGCGGGGACGCGAGGCACG
 GGAGGGAAAAAGCCCATCGTGGTTCAACCCGGCCGAGGCCGTCCAGGTCTGCGCTACTGCTGCCTCCTG
 GCCCACAGCATCTCCAGTCAGGTGTCTGCCAGCGACATTGGCGTCATCACGCCCTACCGGAAGCAGGTGG
 AGAAAATCAGAATTCTTTTGCCTAATGTTGATCTGATGGATATAAAGGTTGGATCAGTAGAGGAGTTTCA
 AGGACAAGAGTATCTGGTCATCATCTTTCGACCGTACGGTCAAATGAAGATAGATTTGAAGATGATCGA
 TATTTTTTGGGTTTCTTGTCCAACCTAAAAAGATTTAATGTTGCAATCACCAGACCCAAAGCTTTGCTGA
 TAGTGCTGGGAAACCCCATGTTCTCGTTCGAGACCCCTGTTTTGGTGCTTGTGGAATACAGTATTAC
 AAACGGTGTTTACATGGGATGCGATTTACCTCCTGCACTGCAGTCTCTGCAAACTGTGGCGAGGGGGTG
 GCAGACCCCTCTACCCAGTGGTGCCAGAATCCACAGGACCAGAGAAGCATCAGGAGCCACG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG219511 representing NM_018995
 Red=Cloning site Green=Tags(s)

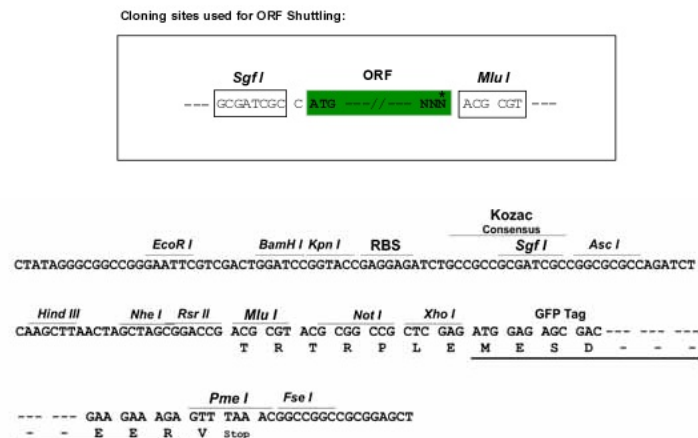
MLSLAAKLVAFFWRTADTPREEAGQLEPELAEGDTKLKTVRGVVTRYCSDYGMIDDMIYFSSDAVTSRVL
 LNVGQEVIAVVEENKVSNGLKAIRVEAVSDKWEDDSRNHGSPSDCGPRVLIGCVTSLVEGAGCISQTTYF
 SLESVCEGFEPCKGDWVEAEYRIRPGTWSSEATSVKPLRYKRVKVCISLSCGRNGVLEESIFFTLDSLK
 LPDGYTPRRGDVVNAVVESSQSCYVWRALCMTLVKRRDAAPVHEATHFYGTILLKNKGDIQVTHFG
 TLKEGRSKTMVIWIENKGDIPQNLVSKLAGWDKSKQFRFQMLDKDQMCPPVSVFVSVPEKENSSENINS
 LNSHTKNKTSQMSSESLVNNRGISPGDCTCKGENGEKDNILSRKQMTPEPEPGLVPPGGKTFIVVICDGK
 NPGRCKELLLLCSDFLIGRYLEVNVISGEESLIAAREPFSWKKLKSSQALSAKTTVVVTAQKRNSRRQ
 LPSFLPQYIPDRLRKCVEQKIDILTFQPLLAELLNMSNYKEKFSTLLWEEIYAEMELKEYNMSGIILR
 RNGDLLVLEVPGLAEGRPSLYAGDKLILKTQEYNHGAIEYISYVTEIHEEDVTLKINPEFEQAYNFEPMD
 VEFTYNRTTSRRCHFALEHVIHLGVKVLFP EEIILQSPQVTGNWNHAQDTKSSGQSTSKKNRKTMTDQAE
 HGTEERRVGDKDLPVLAPFTAEMSDWDEIQTPKARKMEFFNPVLNENQKLAVKRILSGDCRPLPYILFG
 PPGTGKVTIIEAVLQVHFALPDSRILVCAPSNSAADLVCLRLHESKVLQPATMVRVNATCRFEEIVIDA
 VKPYCRDGEDIWKASRFRIIITTCSSSGLFYQIGVRVGHFTHVFVDEAGQASEPECLIPGLMSDISGQI
 VLAGDPMQLGPVIKSRLAMAYGLNVSFLERLMSRPAYQRDENAFGACGAHNPLLVTKLVKNYRSHEALLM
 LPSRLFYHRELEVCA DPTVVTSLLGWEKLPKKGFPLIFHGVRGSEAREGKSPSWFNPAEAVQVLRVYCCLL
 AHSISSQVSASDIGVITPYRKQVEKIRILLRNVDLMDIKVGSVEEFQGGQEYLVIIISTVRSNEDRFEDDR
 YFLGFLNSKRFNVAITRPKALLIVLGNPHVLVRDPCFGALLEYSITNGVYMGCDLPPALQSLQNCGEGV
 ADPSYPVPESTGPEKHQEPS

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

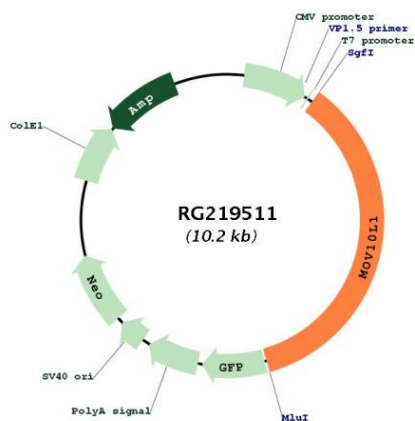


ACCN: NM_018995

ORF Size: 3633 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_018995.1 , NP_061868.1
RefSeq Size:	3910 bp
RefSeq ORF:	3636 bp
Locus ID:	54456
UniProt ID:	Q9BXT6
Cytogenetics:	22q13.33
Gene Summary:	This gene is similar to a mouse gene that encodes a putative RNA helicase and shows testis-specific expression. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]

Product images:



Circular map for RG219511