

Product datasheet for **RG228268**

MOV10L1 (NM_001164106) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	MOV10L1
Synonyms:	CHAMP; DJ402G11.8
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG228268 representing NM_001164106
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTCAGAGTTGGGCACTTCACTCACGTGTTTGTGGACGAGGCTGGGCAGGCAAGTGAGCCGGAATGCC
TCATTCTCTGGGGCTGATGTCGGACATCAGTGCCAGATCGTGCTGGCAGGAGACCCCATGCAGCTCGG
CCCAGTCATTAAGTCCAGACTCGCCATGGCCTATGGGCTGAACGTGTCTTTTGGAAACGGCTGATGTCT
CGACCCGCGTACCAGAGGGACGAAAATGCTTCGGTGCTTGTGGCGCACATAATCCCTGTTGGTCACAA
AGCTGGTGAAGAACTACCGGTCCACGAGGCCCTGCTGATGCTGCCCTCACGGCTGTTCTACCACAGGGA
ACTCGAGGTCTGTGCGGACCCACAGTGGTGACCTCCTTGCTGGGCTGGGAGAAGTTGCCTAAGAAAGGC
TTCCCTCTCATCTCCATGGTGTGCGGGGACGAGGCACGGGAGGAAAAAGCCCATCGTGGTTCAACC
CGGCCGAGGCCGTCCAGGTCTGCGCTACTGCTGCCTCCTGGCCACAGCATCTCCAGTCAGGTGTCTGC
CAGCGCATTTGGCGTCATCACGCCCTACCGGAAGCAGGTGGAGAAAATCAGAATCTTTTTCGTAATGTT
GATCTGATGGATATAAAGGTTGGATCAGTAGAGGAGTTTCAAGGACAAGAGTATCTGGTCATCATCATTT
CGACCGTACGGTCAATGAAGATAGATTTGAAGATGATCGATATTTTTGGGTTTCTGTCCAACCTCAAA
AAGATTTAATGTTGCAATCACCAGACCCAAAGCTTTGCTGATAGTCTGGGAAACCCCATGTTCTCGTT
CGAGACCCCTGTTTGGTGCTTTGCTGGAATACAGTATTACAAACGGTGTTTACATGGGATGCGATTAC
CTCCTGCACTGCAGTCTCTGAAAAGTGTGGCGAGGGGTGGCAGACCCCTCTACCCAGTGGTGCCAGA
ATCCACAGGACCAGAGAAGCATCAGGAGCCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



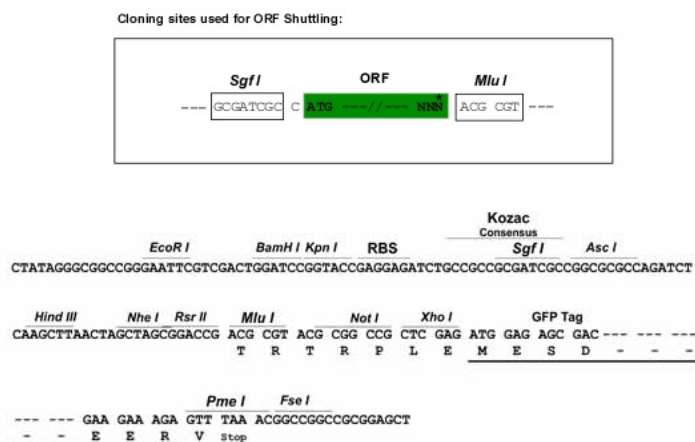
Protein Sequence: >RG228268 representing NM_001164106
Red=Cloning site Green=Tags(s)

MFRVGHFTHVFD EAGQASEPECL IPLGLMSDISGQIVLAGDPMQLGPVIKSR LAMAYGLNVSF LERLMS
 RPAYQRDENAFGACGAHNPLLVTKL VKNYSHEALLMLPSRLFYHRELEV CADPTVVTSLLGWEKLPKKG
 FPLIFHGVGRSEAEQKSPSWFNPAEAVQLRYCCLLAHSISSQASD IGVITPYRKQVEKIRILLRN V
 LMDIKVGSVEEFQGEYVLVIISTVSNEDRFDDRYFLGFLSNSKRFNAVITPRKALLIVLGNPHVLV
 RDPFCGALLESYITNGVYMGCDLPPALOSLONCGEADVADSPVPVPESTGEPKHOEPS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001164106

ORF Size: 1014 bp

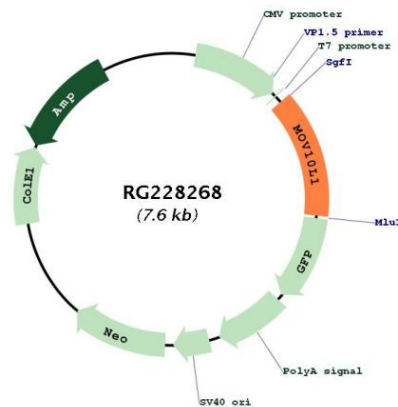
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001164106.1 , NP_001157578.1
RefSeq Size:	1351 bp
RefSeq ORF:	1017 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 RG228268