

## Product datasheet for **MR224453**

### Lgals3bp (NM\_011150) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lgals3bp (NM_011150) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lgals3bp
Synonyms:	90K; CyCAP; MAC-2BP; Ppicap; Tango10b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>MR224453 representing NM\_011150  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCTCTGTGGCTCCTCTCTGTGTTCTTGTGGTCCAGGGACTCAAGGTACAGAAGATGGAGACA  
 TGCCTTGGTTAACGGGGCCTCAGCCAATGAGGGCCGCTGGAGATCTTCTACAGAGCCGGTGGGGGAC  
 AGTGTGTGACAACCTCTGGAACCTTTTGGATGCCACGTCGTCGTCGCCGGCCCTGGGCTATGAGAACGCC  
 ACCCAAGCACTGGGCAGAGCTGCCTTCGGGCCAGGAAAGGGACCGATCATGCTGGATGAGGTGGAATGTA  
 CAGGGACCGAGTCTCACTGGCCAGTTGCAGATCCCTGGTTGGATGGTGGAGCCGCTGTGGGCACAGAA  
 GGACGCAGGCGTGGTCTGCTCCAACGATACCACGGGGCTCACATCCTGGACCTCTCTGGAGAGCTCTCA  
 GATGCACTGGCCAGATCTTGGACGCCAGCAGGGCTGCGACCTATTCATCCAGGTGACAGGGCAGGGGT  
 ATGAGGACCTGAGCCTCTGTGCCACACGCTGATCCTGCGCACCAACCCGAGGCCAGGCCCTGTGGCA  
 AGTGGTGGGCAGCAGCGTCATCATGAGAGTGGATGCTGAGTGCATGCCTGTCGTCAGAGACTTCTCAGG  
 TACTTTTACTCCCGAAGAATCGAGGTGAGCATGTCTTCTGTTAAGTGCTTGCACAAGCTAGCCTCTGCC  
 ATGGGGCCACAGAGCTTCAAGACTACTGTGGACGGCTTTTGGCCACCCTCTCCCCCAAGACCCCACTTT  
 CCATACTCCCTTGGACCTTATGCGTACGCACGGGCCACCGGGGACTCTATGCTGGAAGATCTGTGTGTA  
 CAGTTTCTGGCCTGGAACCTTCGAGCCTCTGACACAGTCTGAGTCTGGTGGGCTGTTCCACCACCTTGA  
 TCCAGGCTCTCTCCCAAGAGTGGCTGGTGTGTCTAGTGAGCTGGATCTGCTGAAGGCAGTGGACCA  
 GTGGAGCACAGAAACATTGCCCTCACACGAGGATATAGAGCGCCTGGTGGAACAGTCCGCTTCCCATG  
 ATGCTGCCCGAGGAGCTGTTGAGCTGCAGTTCACCTGTCTTGTACCAAGATCACCAGGCACTGTTCC  
 AGAGGAAGACCATGCAGGCTTGGAGTTCACACAGTGCCTGTGCAAGTGTGGCAAGTACAAAGGCCT  
 GAACCTCACGGAGGACACCTACAAGCCCGCCTTACACCTCTTCCACCTGGAGTAGCTTGGTGTGGCC  
 TCCACCTGGAGGGCACAAAGATATGAATACAATCGATAACAATCAGCTCTATACATATGGCTATGGCTCAG  
 TAGCCCGGTACAATAGCTACCAGTCTTCCAAACCCACAAACACCCAGCTTCTCTTCAAGGACAAGCA  
 GATCTCTGGTACGCCACCTACCTCCCAACCATGCAGAGCTGCTGGAACATGGCTTCTCGTGTACTCT  
 AACGAGCTCCCTGTACTGGGCTCACCACATCCAGCTACTCCAATCCGACAATTGGCTATGAGAACAGAG  
 TACTGATCCTCTGCGGAGGCTACAGTGTGGTGGATGTCACCAGCTTGAAGGCTCCAAGGCCCTATTCC  
 CACTGCCCTGGACACCAATAGTTCAGACTCCCTCCCTTTCCCTGTGCCTCAGGGGCCCTTAGCAGC  
 TTCGTTGGTGCATACGCCCTTCTACCTCACTAACTCCACTGACATGGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR224453 representing NM\_011150  
 Red=Cloning site Green=Tags(s)

MALLWLLSVFLLVPGTQGTEDGDMRLVNGASANEGRVEIFYRGRWGTVCDNLWNLLDAHVVCRALGYENA  
 TQALGRAAFGPGKGPIMLDEVECTGTSSLASCRSLGWMVSRGHEKDAGVVCSNDTTLGLHLDLSEGLS  
 DALGQIFDSQQGCDLFIQVTGQGYEDLSLCAHTLILRTNPEAQALWQVVGSSVIMRVAECPVVRDFLR  
 YFYRRRIEVSMSVKLHKLASAYGATELQDYCGRLFATLLPQDPTFHTPLDLAYARATGDSMLEDLV  
 QFLAWNFEPLTQSESWSAVPTTLIQALLPKSELAVSSELDLLKAVDQWSTETIASHEDIERLVEQVRFPM  
 MLPQELFELQFNLSLYQDHQALFQRKTMQALEFHTVPVEVLAKYKGLNLTEDTYKPRLYTSSTWSSLVMA  
 STWRAQRYEYNRYNQLYTYGYGSVARYNSYQSFQTPQHPSFLFKDKQISWSATYLPMTQSCWNYGFSCTS  
 NELPVLGLTSSYSNPTIGYENRVLILCGYSVVDVTSFEGSKAPIPTALDNTSSKTPSLFPCASGAFSS  
 FRVVIRPFYLTNSTDMV

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

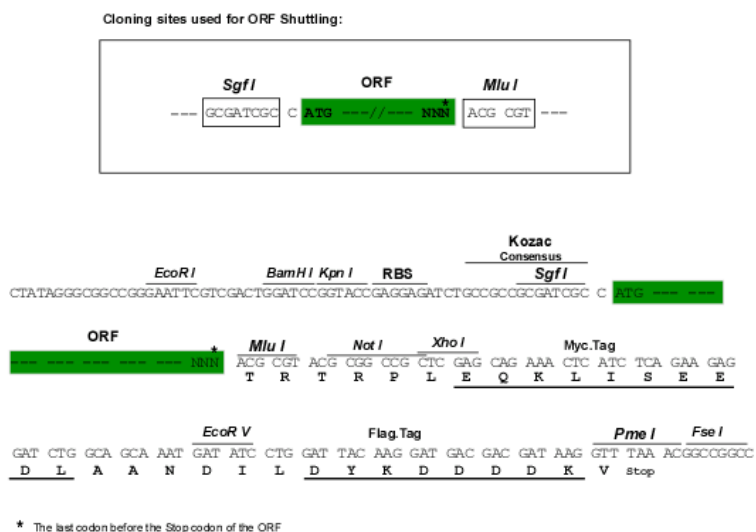
**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9007\\_f11.zip](https://cdn.origene.com/chromatograms/mm9007_f11.zip)

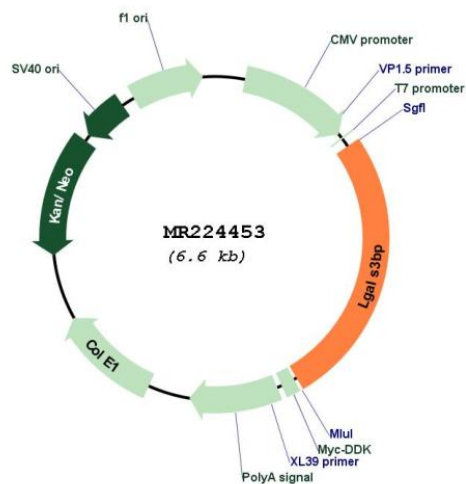
**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM\_011150

ORF Size: 1731 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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.

**RefSeq:** [NM\\_011150.3](#)

**RefSeq Size:** 2168 bp

**RefSeq ORF:** 1734 bp

**Locus ID:** 19039

**MW:** 64.9 kDa