

Product datasheet for **MC219172**

Lgals3bp (NM_011150) Mouse Untagged Clone

Product data:

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|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Lgals3bp (NM_011150) Mouse Untagged Clone |
| Tag: | Tag Free |
| 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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Fully Sequenced ORF: >MC219172 representing NM_011150
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCTCCTGTGGCTCCTCTCTGTGTTCTTGTGTTCCAGGGACTCAAGGTACAGAAGATGGAGACA
 TGCCTTGGTTAACGGGGCCTCAGCCAATGAGGGCCGCTGGAGATCTTCTACAGAGCCGGTGGGGGAC
 AGTGTGTGACAACCTCTGGAACCTTTTGGATGCCACGTCGTCGTCGCCGGCCCTGGGCTATGAGAACGCC
 ACCCAAGCACTGGGCAGAGCTGCCTTCGGGCCAGGAAAGGGACCGATCATGCTGGATGAGGTGGAATGTA
 CAGGGACCGAGTCTCACTGGCCAGTTGCAGATCCCTGGTTGGATGGTGGAGCCGCTGTGGGCACAGAA
 GGACGCAGGCGTGGTCTGCTCCAACGATACCACGGGGTTCACATCCTGGACCTCTCTGGAGAGCTCTCA
 GATGCACTGGCCAGATCTTTGACAGCCAGCAGGGCTGCGACCTATTCATCCAGGTGACAGGGCAGGGGT
 ATGAGGACCTGAGCCTCTGTGCCACACGCTGATCCTGCGCACCAACCCGAGGCCAGGCCCTGTGGCA
 AGTGGTGGGCAGCAGCGTCATCATGAGAGTGGATGCTGAGTGCATGCCTGTCGTCAGAGACTTCTCAGG
 TACTTTTACTCCCGAAGAATCGAGGTGAGCATGTCTTCTGTTAAGTGCTTGACACAAGCTAGCCTCTGCCCT
 ATGGGGCCACAGAGCTTCAAGACTACTGTGGACGGCTTTTTGCCACCCTCTCCCCCAAGACCCCACTTT
 CCATACTCCCTTGGACCTTTATGCGTACGCACGGGCCACCGGGGACTCTATGCTGGAAGATCTGTGTGTA
 CAGTTTCTGGCCTGGAACCTTCGAGCCTCTGACACAGTCTGAGTCTGGTGGGCTGTTCCACCACCTTGA
 TCCAGGCTCTCTCCCAAGAGTGGCTGGTGTGTCTAGTGAGCTGGATCTGCTGAAGGCAGTGGACCA
 GTGGAGCACAGAAACCATTGCCCTCACACGAGGATATAGAGCGCCTGGTGGAAACAGTCCGCTTCCCATG
 ATGCTGCCCCAGGAGCTGTTGAGCTGCAGTTCACCTGTCTTGTACCAAGATCACCAGGCACTGTTCC
 AGAGGAAGACCATGCAGGCTTGGAGTTCACACAGTGCCTGTGCAAGTGTGGCCAAAGTACAAAGGCCT
 GAACCTCACGGAGGACACCTACAAGCCCCGCTTTACACCTCTCCACCTGGAGTAGCTTGGTGTGGCC
 TCCACCTGGAGGGCACAAAGATATGAATACAATCGATAACAATCAGCTCTATACATATGGCTATGGCTCAG
 TAGCCCGGTACAATAGCTACCAGTCTTCCAAACCCACAAACACCCAGCTTCTCTTCAAGGACAAGCA
 GATCTCTGGTCAGCCACCTACCTCCCCACCATGCAGAGCTGCTGGAACATGGCTTCTCGTGTACCTCT
 AACGAGCTCCCTGTACTGGGCTCACCACATCCAGCTACTCCAATCCGACAATTGGCTATGAGAACAGAG
 TACTGATCCTCTGCGGAGGCTACAGTGTGGTGGATGTCACCAGCTTTGAAGGCTCCAAGGCCCTATTCC
 CACTGCCCTGGACACCAATAGTTCGAAGACTCCCTCCCTTTCCCTGTGCCTCAGGGGCCCTTAGCAGC
 TTCGTGTGGTCATACGCCCTTCTACCTCACTAACTCCACTGACATGGGT**TAA**

ACGGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011150
Insert Size: 1734 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 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](#)

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_011150.2](#), [NP_035280.1](#)

RefSeq Size: 2168 bp

RefSeq ORF: 1734 bp

Locus ID: 19039

UniProt ID: [Q07797](#)

Cytogenetics: 11 E2

Gene Summary: Promotes integrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells (By similarity).[UniProtKB/Swiss-Prot Function]