

Product datasheet for **MR209821**

Larp5 (BC078640) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Larp5 (BC078640) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Larp5
Synonyms:	A630096F19; AI256361; D13Wsu64e; Larp5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR209821 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGACTTCTGATCAGGACGCTAAAGTTGTGGCTGAACCGCAGGCACAGCGAGTCCAGGAGGGCAAGGACA
 GCTCTCATCTGATGAATGGTCCTATATCGCAAACCACTTCTCAAACAAGGTCCCTCCAGCTTTGACTCA
 GGTCCCAACAATAAGGTTTCAGAGCTAAACCCTAATGCAAAGGTATGGGGGACTCATATGTTACATTTG
 GAAGCGAGTAGTGCAGCTGTTGGTGTGAATGCTGCGTGGGAAGAGGCTCCCGGCCATCTACAGACTGTG
 ACCAGCAGGTTCTAGGATTGGATGCCAATGGTGTGGCGACAAAAGTCGAGAGAATGCAGCGCTCCCGGA
 CGCACAGGAGGCAGAGCAGACAGACATGAGCACTCTGGCTCTGGACCATTGAGAAATGAACCTCTGCCT
 GAGAACAACGATACGGGAGGAAATGAGTCTCAACCAGAAAGCCAGGAAGACCTCGGGAAGTACTTAAAA
 AAACATTGGAATTCTGCTTATCTAGGGAGAATCTTGCTAGCGACATGTACCTTATATCCAGATGGACAG
 TGATCAGTATGTGCCAATTACAACGGTAGCTAACCTTGACCATATCAAGAACTCAGTACTGATGTGGAT
 TTGATTGTTGAAGTGCTAAGATCTTTACCTTTAGTCCAAGTGGATGAGAAAGGAGAGAAAGTAAGGCCAA
 ATCAGAACCGGTGCATAGTAATACTGCGTGAGATATCGGAGTCTACCCCGTGGAGAAGTAGAAGCACT
 ATTTAAAGGAGATAATTTACAAAATTTATAAACTGTGAATTTGCCTATAATGATAATTGGTTTATTACC
 TTTGAAACAGAAGCTGATGCACAGCAGGCTTACAAATACCTTCGAGAAGAAGTCAGAACTTTCCAAGGAA
 AGCCAATTAAGGCGCGGATAAAAGCAAAGGCAATAGCGATAAACACATTTTTGCCAAAGAATGGATTTAG
 ACCTCTGGACATGAACCTTTATACCCAGCAGCGCTATGCTACATCGTTTTACTTACCTCCAGTGTACAGT
 CCCCAGCAGCAGTTCCTCTGTACAGCTGATCACCCCCAGACGTGGTCAACAACACATAGCTATCTTG
 ATCCACCCTTGGTAACCTCTTTTCCAAGTACTGGATTTATAAATGGGTTTACATCTCCGACCTTCAAACC
 TGCAACGCTCTCCTCTGACATCACTCAGACAGTATCCTCCTAGAAGCAGGAAAAATTCCTTTGGCTATCGG
 AAGAAAAGAGAAGAGAAGTTTACAAGCAGTCAGACGAGTCTCCAACACCACCAAGCCTCCATCACCGA
 GCTTCGAACTGGGACTGTCCAATTCCCCCATTACCTGGAGCTGCAGGCAATTTGAAGACAGAGGACTT
 GTTTGAAACAGGCTTTCCAGCTTGATCATAGGATCTTCAAAGAAAGAAACCTCAGTACAGATGCAAGC
 ACAAACTGTTCTGTAGTGGGACCCAGAGAGCCCTCCGTGCCAGCGCCCTGTGCTGTGTCGGCAGCAT
 TTGAACGTTCCCTTCCCGGTCCATTTACCTGAGGATCCCAAGGTGGCAGAAAAGCAGAGGGAACTCA
 GAGTGTGGACAGACTCCCTTCTACCCCTACTACAACGTCATGTAATCCGTGCAGGTGAATGGAGCAGCA
 ACAGAATTGAGAAAGCCAGTTATGCAGAGATTTGTGAGAGAACGAGTAAAGACCCTTCTCCTCCTCTC
 CATTGCAACCCCAAAAGAACAAAAGCCAAGCACTGTGCGCTGTGGGAAGGAGGAGAAGCAGCTGTCTGA
 GCCTGTGAGAGACACCGAGAGCCCCCTGCCCTTAAGTCCACGCCTGGAGTCCCCAAGGATCAGAGGAGG
 CAGCCTGGGCGCCGAGCCTCTCCTCCAGCTGCCGGAAACGCCTGAGCAAGGAACAGAACACGCCTCCCA
 AGTCTCCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209821 protein sequence
 Red=Cloning site Green=Tags(s)

MTSDQDAKVVAEPQAQRVQEGKDSSHLMNGPISQTTSTQTRSLPALTQVPTTKVSELNPNKAVWGTHMLHL
 EASSAAGVYNAWEEAPGHPTDCDQQLGLDANGDGDKSRENAALPDAQAEQTMSTLALDHSEYEPLP
 ENNDTGGNESQPESQEDPREVLKKTLEFCLSRNLASDMYLISQMSDQYVPIITVANLDHIKKLSTDVD
 LIVEVLRLPLVQVDEKGEKVRPNQNCIVILREISESTPVEEVEALFKGDNLPKFINCEFAYNDFWIT
 FETEDAQQAYKYLREEVRTFQGKPIKARIKAKAIAINTFLPKNGFRPLDMNLYTQORYATSFYLPVYS
 PQQQFPLYSLITPQTWSTHSDYLDPLVTPFPSTGFIINGFTSPTFKPATSPSLTSLRQYPPRSRKNSTFGYR
 KKREEKFTSSQTQSPTPPKPPSPFELGLSNFPPLPGAAGNLKTEDLFENRSSLIGSSKERNLSTDAS
 TNTVPVVGPREPSVPAPCAVSAAFERSPPVHLPEDPKVAEKQRETQSVDRPLSTPTTTACKSVQVNGAA
 TELRKPSYAEICQRTSKDPSSSSPLQPPKEQKPSTVACGKEEKQLSEPVERHREPPALKSTPGVPKDQRR
 QGRRASPPAAGKRLSKEQNTPPKSPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC078640

ORF Size: 1971 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: BC078640, AAH78640

RefSeq Size: 4382 bp

RefSeq ORF: 1973 bp

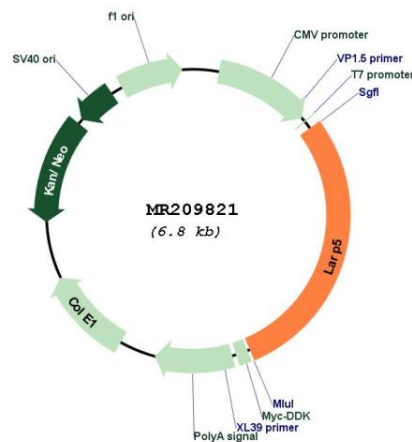
Locus ID: 217980

Cytogenetics: 13 3.66 cM

MW: 72.5 kDa

Gene Summary: Stimulates mRNA translation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209821