

Product datasheet for **MC221257**

Larp4b (NM_172585) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Larp4b (NM_172585) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Larp4b
Synonyms:	A630096F19; AI256361; D13Wsu64e; Larp5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC221257 representing NM_172585
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTTCTGATCAGGACGCTAAAGTTGTGGCTGAACCCGAGGCACAGCGAGTCCAGGAGGCAAGGACA
 GCTCTCATCTGATGAATGGTCTATATCGCAAACCACTTCTCAAACAAGGTCCCTCCAGCTTTGACTCA
 GGTCCCAACAACCTAAGGTTTCAGAGCTAAACCCTAATGCAAAGGTATGGGGGACTCATATGTTACATTTG
 GAAGCGAGTAGTGCAGCTGTTGGTGTGAATGCTGCGTGGGAAGAGGCTCCCGGCCATCTACAGACTGTG
 ACCAGCAGGTTCTAGGATTGGATGCCAATGGTGTGGCGACAAAAGTCGAGAGAATGCAGCGCTCCCGGA
 CGCACAGGAGGCAGAGCAGACAGACATGAGCACTCTGGCTCTGGACCATTAGAATATGAACCTCTGCCT
 GAGAACAACGATACGGGAGGAAATGAGTCTCAACCAGAAAGCCAGGAAGACCCTCGGGAAGTACTTAAAA
 AAACATTGGAATTCTGCTTATCTAGGGAGAATCTTCTAGCGACATGTACCTTATATCCAGATGGACAG
 TGATCAGTATGTGCCAATTACAACGGTAGCTAACCTTGACCATATCAAGAACTCAGTACTGATGTGGAT
 TTGATTGTTGAAGTGCTAAGATCTTTACCTTTAGTCCAAGTGGATGAGAAGGGAGAGAAAAGTAAAGCCAA
 ATCAGAACCGGTGCATAGTAATACTGCGTGAGATATCGGAGTCTACCCCGTGGAAAGTAGAAGCACT
 ATTTAAAGGAGATAATTTACAAAATTTATAAACTGTGAATTTGCCTATAATGATAATTGGTTTTATTACC
 TTTGAAACAGAAGCTGATGCACAGCAGGCTTACAAATACCTTCGAGAAGAAGTCAGAACCTTTCCAAGGAA
 AGCCAATTAAGGCGCGGATAAAAAGCAAAGGCAATAGCGATAAACACATTTTTGCCAAAGAATGGATTTAG
 ACCTCTGGACATGAACCTTTATACCCAGCAGCGCTATGCTACATCGTTTTACTTACCTCCAGTGTACAGT
 CCCCAGCAGCAGTCCCTCTGTACAGCCTGATCACCCCCAGACGTGGTCAACAACACATAGCTATCTTG
 ATCCACCCTTGGTAACCTTTTTCCAAGTACTGGATTTATAAATGGGTTTACATCTCCGACTTCAAACC
 TGCAACGCTCCCTCTGACATCACTCAGACAGTATCCTCCTAGAAGCAGGAATCCTAGTAAGTCTCATCTG
 CGCCATGCGATTCTAGTACAGAGAGAGGGCTGGGCTGCTAGAAAAGTCCTTCAATATTTAACTTCACTG
 CAGATCGATTAATTAATGGTGTCCGGAGCCACAGACGAGGCAAGCAGGGCAAAGTAGAACCGAATACA
 AAACCCTTCACTTATGCCAAGAGAGATTGGAAGTGGGCGTGTGGAGCCAAAGTCTTGAATCCTCT
 CCTGGTTTAGGGAGAGGAAGGAAAAATTCCTTTGGCTATCGGAAGAAAAGAGAAGAGAAGTTTACAAGCA
 GTCAGACGCAGTCTCAACACCACCAAAGCCTCCATCACCGAGCTTCGAACTGGGACTGTCCAACCTCCC
 CCCATTACCTGGAGCTGCAGGCAATTTGAAGACAGAGGACTTGTGTTGAAAACAGGCTTTCCAGCTTGATC
 ATAGGATCTTCAAAGAAAGAAACCTCAGTACAGATGCAAGCACAAACACTGTTCTGTAGTGGGACCCA
 GAGAGCCCTCCGTGCCAGCGCCCTGTGCTGTGTGGCAGCATTTGAACGTTCCCTTCCCGGTCCATTT
 ACCTGAGGATCCCAAGGTGGCAGAAAAGCAGAGGGAAACTCAGAGTGTGGACAGACTCCCTTCTACCCCT
 ACTACAACCTGCATGTAATCCGTGCAGGTGAATGGAGCAGCAACAGAATTGAGAAAAGCCAGTTATGCAG
 AGATTTGTGAGAGAACGAGTAAAGACCCTTCTTCTCCTCTCCATTGCAACCCCAAAAAGAACAAAAGCC
 AAGCACTGTGCTGTGGGAAGGAGGAGAAGCAGCTGTCTGAGCCTGTGAGAGACACCGAGAGCCCTCT
 GCCCTTAAGTCCACGCTGGAGTCCCAAGGATCAGAGGAGGCAGCCTGGGCGCCGAGCCTCTCTCCAG
 CTGCGGGGAAACGCTGAGCAAGGAACAGAACACGCCTCCAAGTCTCCTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172585
Insert Size: 2226 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<ol style="list-style-type: none">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:	<u>NM_172585.3</u> , <u>NP_766173.1</u>
RefSeq Size:	6073 bp
RefSeq ORF:	2226 bp
Locus ID:	217980
UniProt ID:	<u>Q6A0A2</u>
Cytogenetics:	13 3.66 cM
Gene Summary:	Stimulates mRNA translation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.