

Product datasheet for **MC228600**

Larp4 (NM_001284521) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Larp4 (NM_001284521) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Larp4
Synonyms:	DXErtd793; DXErtd793e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228600 representing NM_001284521
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTAAGGAATATGAAGTAATGTATTCTCCATCTTGTGAAACCACAAGGAATACTGCAGATGTTGAAG
 AGTCAGCTGATGGAATGATCTTAGGACCGAAGACCTGAGTTACCAACTCTATGATGTTTCTGGAGAAAG
 CAGTTCAGCAATTTCTACAGAAGATTTAAAAGAATGTCTGAAAAACAATTGGAATTCTGTTTCTCACGA
 GAAAAATTTATCAAAGGACCTTTACTTGTATCTCAAATGGATAGTGATCAGTTCGTCCTCAATATGGACGG
 TTGCCAACATGGAAGAAATTAATAATGACTACAAATACAGATTTAATTTCTGAAATTTGAGATCTTC
 CCCTATGGTACAAGTTGATGAGAAGGGAGAAAAGGTGAGACCAAGTCATAAGCGATGATTGTGATTCTC
 AGAGAGATTCCTGAGACAACGCCTGTAGAGGAAGTGAAGCTTTGTTTAAAAATGAAAATGCCCAAAG
 TGATAAGCTGTGAGTTTGCACACAACAGCAACTGGTACATCACTTCCAGTCAGACACAGATGCACAGCA
 GGCTTTTAAATACTTAAGAGAAGAAGTTAAAACATTTTCAGGGCAAGCCAATCATGGCAAGGATAAAAAGCC
 ATCAATACATTTTTGCTAAGAATGGTTATCGATTAATGGATTCTAGTATGTATACTCAACCTATTCAGA
 CTCTACCCAATATCCCTCACCAGTCTTCATGCAACCAGTGTATAATCCTCAGCAGTACTCAGTGTATAG
 TCTTGTGCCTCAGTCTTGGTCTCCAAGTCTGCACCTTACTTTGAAAACCACTGGCTCCCTTTCCCAAT
 GGTAGTTTTGGAATGGCTTTAGTTCACCAGGATCTTACAAAACAAATGCTGCTGCTATGAATATGGGCC
 GACCATCCCAAAAAATCGTGTGAAGCCTATTTTAGGTATCCAGTGGTTCAGAACACTCAACAGAGGG
 CTCCGTGTCATTGGGGGATGGACCACTGAGCAGATCTAGTTCAAGGATCTTTCTTCTGAACGGCATAAC
 CCAACAGTAACAGGGCAGCAGGAACAACTTATCTTCAAAGGAGGCTCCCATTTTACAGATGGAACAGA
 ATGGGGACTTTGGAAGAGGCAGGCGAATCTCTTCAGAGGCCGAAGGCGAAGGGATGATGACAGGATCCC
 AAGACCCCAACCTGCAGCAACTGAAGCCAAGGCTCCAACCTCCGAAGTTTGATTTGCTACAAATTTTC
 CCTCCTTTACCTGGAAGCTCATCGAGAGTGCCAGATGAACTTGGTTTGGAGAACAGAATGTCTGATGTCG
 TTAAGGTGTCTGCAGAGAAAAGGACAGCGAGGACGTGCGAGTTAGTTGCCAGTGCCTGCAGAGGACGG
 ACAGACAGACTGCACTTCTGCGCCGCTCAGCATAAGTCTTAGTCTCCGTGTACAGCTGAGCCTCCTGTG
 TTAAGCACGACTCAGCAAGAGCAGGATCAGATGGAGGACTCTGCTGTTCCAAAGGACACTCTCAACCCAG
 TAGCTGTGCCAGTGTCTTCTCAACTGCCACAAAGCCATCCCGGCAACACGGCTTACCTTGCCTAG
 TAACATAAACCCACCGAGAGCTGTGGCCCTGCAGGAACCTCGAAAGTTAAGCTATGCTGAAGTGTGCCAG
 AAGCCTCTAAAGAGCCATCTCCAGTTCTCGTACAGCCGCTGCGGGAACCTCCGGTCTAATGCAGTATCCC
 CCACCAGAAATGAAGAGAACGGAGCTCCCGAGAAGCCTGTTGAGAAGCCGATGAGAAACAGAAACAAG
 GGCTAGTAAGGATCATTCTGGCTTCCGAGGCAACACTATTTCCAGGGGAGCGGCTGGAAAAATCAGGGAA
 CAGAGACGCCAGTTCAGCCATAGGGCTACACCTCAGGGAGTGACTCGACGTAATGGGAAAGGCAATACG
 TGCCACCCAGATCACAAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001284521

Insert Size: 1983 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001284521.1</u> , <u>NP_001271450.1</u>
RefSeq Size:	6527 bp
RefSeq ORF:	1983 bp
Locus ID:	207214
UniProt ID:	<u>Q8BWW4</u>
Cytogenetics:	15 F1
Gene Summary:	<p>RNA binding protein that binds to the poly-A tract of mRNA molecules. Associates with the 40S ribosomal subunit and with polysomes. Plays a role in the regulation of mRNA translation. Plays a role in the regulation of cell morphology and cytoskeletal organization. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in its 5' UTR and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1.</p>