

Product datasheet for **MC228758**

Larp4 (NM_001284522) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Larp4 (NM_001284522) 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: >MC228758 representing NM_001284522
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTTTGGAGGTGACATCTAAAGGCACTGGTTAAATCCTAATGCCAAAGTATGGCAAGAAATTCCTT
 CTGGAATCCGGATGGCACTCCTGTAACCTGAAACCTCTTGGCATGAACTGCAGCCACATCTGGATCTCA
 CCCTGAGGGCCATACAGAACTTTTCAAGATATGTGTAAGGAATATGAAGTAATGTATTCTCCATCTTGT
 GAAACCACAAGGAATACTGCAGATGTTGAAGAGTCAGCTGATGGAATGATCTTAGGACCGGAAGACCTGA
 GTTACCAACTCTATGATGTTTCTGGAGAAAGCAGTTTCAAGCAATTTCTACAGAAAGTTTAAAAAGATGCT
 GAAAAACAATTTGAATTTCTGTTTCTCACGAGAAAATTTATCAAAGGACCTTTACTTGATATCTCAAATG
 GATAGTGATCAGTTCGTCCTCAATATGGACGGTTGCCAACATGGAAGAAATTAATAATTGACTACAATA
 CAGATTTAATTTGAAGTATTGAGATCTCCCTATGGTACAAGTTGATGAGAAGGGAGAAAAGGTGAG
 ACCAAGTCATAAGCGATGATTGTGATTCTCAGAGAGATTCTGAGACAACGCCTGTAGAGGAAGTGAAA
 GCTTTGTTTAAAAATGAAAAGTCCCAAGTATAAGCTGTGAGTTTGGCACAACAGCAACTGGTACA
 TCACTTTCCAGTCAGACACAGATGCACAGCAGGCTTTTAAATACTTAAGAGAAGAAGTTAAACATTTCA
 GGGCAAGCCAATCATGGCAAGGATAAAAGCCATCAATACATTTTTGCTAAGAATGGTTATCGATTAATG
 GATTCTAGTATGTATACTCAACCTATTCAGACTCCTACCAATATCCCTCACCAGTCTTCATGCAACCAG
 TGTATAATCCTCAGCAGTACTCAGTGTATAGTCTTGTGCCTCAGTCTTGGTCTCCAAGTCTGCACCTTA
 CTTTGAACACCACTGGCTCCCTTTCCCAATGGTAGTTTTGTGAATGGCTTTAGTTCACCAGGATCTTAC
 AAAACAATGCTGCTGCTATGAATATGGCCGACCATTCCCAAAAAATCGTGTGAAGCCTCATTTTAGGT
 CATCCAGTGGTTCAGAACACTCAACAGAGGGCTCCGTGTCAATGGGGATGGACCATGAGCAGATCTAG
 TTCAAGGATCTTTCTTTCTGAACGGCATAACCCAACAGTAACAGGGCAGCAGGAACAACTTATCTTCCA
 AAGGAGGCTCCCATTTTACAGATGGAACAGAATGGGGACTTTGGAAGAGGCAGGGCAACTCTCTCAGAG
 GCCGAAGGCGAAGGGATGATGACAGGATCCCAAGACCCCAACCTGCAGCAACTGAAGCCAAGGCTCCAAC
 TCCGAAGTTGATTTGCTGCTACAAATTTCCCTCCTTTACCTGGAAGCTCATCGAGAGTGCCAGATGAA
 CTTGGTTTGGAGAACAGAATGTCTGATGTCGTTAAAGGTGTCTGCAGAGAAAAGGACAGCGAGGACGTGC
 GAGTTAGTTGCCAGTGCCTGCAGAGGACGGACAGACAGACTGCCTTCTGCGCCGCTCAGCATAAGTCC
 TAGTCTCCGTGTACAGCTGAGCCTCCTGTGTTAAGCACGACTCAGCAAGAGCAGGATCAGATGGAGGAC
 TCTGCTGTTCCAAGGACTCTCAACCCAGTAGCTGTGCCAGTGTCTTCTCAACTGCCACAAAGCCAT
 CCCCGGCAAAACAGGCTTACCTTGCAGTGTAAACATAAACCACCGAGAGCTGTGGCCCTGCAGGAACC
 TCGAAAGTTAAGCTATGCTGAAGTGTGCCAGAAGCCTCCTAAAGAGCCATCTCCAGTTCTCGTACAGCCG
 CTGCGGGAACCTCCGGTCTAATGCAGTATCCCCACCAGAAATGAAGAGAACGGAGCTCCCGAGAAGCCTG
 TTGAGAAGCCGCATGAGAAACCAGAAACAAGGGCTAGTAAGGATCATTCTGGCTTCCGAGGCAACACTAT
 TCCCAGGGGAGCGGCTGGAAAAATCAGGGAACAGAGACGCCAGTTCAGCCATAGGGCTACACCTCAGGGA
 GTGACTCGACGTAATGGGAAAGAGCAATACGTGCCACCCAGATCACCAAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001284522
Insert Size: 2154 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_001284522.1</u> , <u>NP_001271451.1</u>
RefSeq Size:	6550 bp
RefSeq ORF:	2154 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 (4) contains an alternate 5'-terminal exon and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (4) has a shorter and distinct N-terminus, compared to isoform 1.</p>