

Product datasheet for **MC228766**

Larp4 (NM_001284523) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Larp4 (NM_001284523) 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: >MC228766 representing NM_001284523
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGCTCTTCGTTGAGCAGGTGACATCTAAAGGCACTGGTTTAAATCCTAATGCCAAAGTATGGCAAG
 AAATTCCTTCTGGAAATCCGGATGGCACTCCTGTAACCTGAACTCTGGCATGAACTGCAGCCACATC
 TGGATCTCACCTGAGGGCCATACAGAAGTATGTGTAAGGAATATGAAGTATGATTCT
 CCATCTTGTGAAACCACAAGGAATACTGCAGATGTTGAAGAGTCAGCTGATGGAATGATCTTAGGACCGG
 AAGACCTGAGTTACCACTCTATGATGTTTCTGGAGAAAGCAGTTCAGCAATTTCTACAGAAGATTTAAA
 AGAATGTCTGAAAAACAATTGGAATCTGTTTCTCACGAGAAAAATTTATCAAAGACCTTTACTTGATA
 TCTCAAATGGATAGTGATCAGTTCGTCCTAATGAGACGGTTCACCAATGGAAGAAATTTAAAAATTTGA
 CTACAAATACAGATTTAATCTTGAAGTATTGAGATCTCCCTATGGTACAAGTTGATGAGAAGGGAGA
 AAAGGTGAGACCAAGTCATAAGCGATGTATTGTGATTCTCAGAGAGATTCTGAGACAACGCTGTAGAG
 GAAGTGAAGCTTTGTTTAAAAATGAAACTGCCCAAAGTGATAAGCTGTGAGTTTGCACACAACAGCA
 ACTGGTACATCACTTTCCAGTCAGACACAGATGCACAGCAGGCTTTTAAATACTTAAAGAGAAGTAA
 AACATTTCAAGGCAAGCCAATCATGGCAAGGATAAAAGCCATCAATACATTTTTTGTAAAGATGTTAT
 CGATTAATGGATTCTAGTATGTATACTCAACCTATTCAGACTCCTACCAATATCCCTCACCAGTCTTCA
 TGCAACCAGTGTATAATCCTCAGCAGTACTCAGTGTATAGTCTTGTGCCTCAGTCTTGGTCTCCAAGTCC
 TGCACCTACTTTGAAACACCACTGGCTCCCTTCCCAATGGTAGTTTTGTGAATGGCTTTAGTTACCA
 GGATCTTACAAAAACAAATGCTGCTGCTATGAATATGGGCCGACCATTCCAAAAAATCGTGTGAAGCCTC
 ATTTTAGTTCATCCAGTGGTTCAGAACACTCAACAGAGGGTCCGTGTCATTGGGGGATGGACCATGAG
 CAGATCTAGTTCAAGGATCTTTCTTCTGAACGGCATAACCCAACAGTAACAGGGCAGCAGGAACAAACT
 TATCTTCCAAAGGAGGCTCCCATTTTACAGATGGAACAGAATGGGGACTTTGGAAGAGGCAGGCGAACTC
 TCTCAGAGGCCGAAGGCGAAGGGATGATGACAGGATCCCAAGACCCCAACCTGCAGCAACTGAAGCCAA
 GGCTCCAACCTCGAAGTTTGATTTGCTTACTCAAATTTCCCTCTTTACCTGGAAGCTCATCGAGAGTG
 CCAGATGAACTTGGTTTGGAGAACAGAATGTCTGATGTCGTTAAAGGTGTCTGCAGAGAAAAGGACAGCG
 AGGACGTGCGAGTTAGTTGCCAGTGCCTGCAGAGGACGGACAGACAGACTGCATTCTGCGCCGCTCAG
 CATAAGTCTAGTCTCCGTGTACAGTGCAGTGCCTCCTGTGTTAAGCAGACTCAGCAAGAGCAGGATCAG
 ATGGAGGACTCTGCTGTTCCAAAGGACACTCTCAACCCAGTAGCTGTGCCAGTGTCTTCCAACCTGCCA
 CAAAGCCATCCCGGCAACACGGCTTACCTTGCAGTGTAAACATAAACCCACCGAGAGCTGTGGCCCT
 GCAGGAACCTCGAAAGTTAAGCTATGCTGAAGTGTGCCAGAAGCCTCCTAAAGAGCCATCTCCAGTTCTC
 GTACAGCCGCTGCGGAACTCCGGTCTAATGCAGTATCCCCACCAGAAATGAAGAGAACGGAGCTCCCG
 AGAAGCCTGTTGAGAAGCCGCATGAGAAACCAGAAACAAGGGCTAGTAAGGATCATTCTGGCTTCCGAGG
 CAACACTATTCCAGGGGAGCGGCTGGAAAAATCAGGGAACAGAGACGCCAGTTCAGCCATAGGGCTACA
 CCTCAGGGAGTGACTCGACGTAATGGGAAAGAGCAATACGTGCCACCCAGATCACCAAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001284523
Insert Size: 2163 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_001284523.1</u> , <u>NP_001271452.1</u>
RefSeq Size:	6543 bp
RefSeq ORF:	2163 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 (5) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The encoded isoform (5) is longer, compared to isoform 1.</p>