

Product datasheet for **MC219561**

Lzts1 (NM_199364) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lzts1 (NM_199364) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lzts1
Synonyms:	F37; FEZ1; PSD-Zip70
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219561 representing NM_199364
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAGTGTGAGCAGCCTTATCTCAGGCCACAGTTTCCACAGCAAGCACTGCCGTGCTTCACAGTACA
 AGCTGCGCAAGTCTCCACCTCAAGAAGCTCAATCGATACTCAGATGGGCTGCTGAGGTTTGGCTTCTC
 CCAGGACTCAGGCCGTGGAAAGTCAAGTTCAAAAATGGGAAAAAGCAAGACTTCTTCTACATCAAAGTC
 AGCCAGAAGGCCCGAGGCTCCCATCGCCAGACTACACAGCCCTGTCCAGTGGGACATAGGGGGTCAGA
 CCGGAGTAGATTTTGTCCAGCCACCCACAAAGCTCATGCCCTTCTCCAATCAACTGGAAATGAGTTC
 AGACAAGGGGGCAGTAAGGCCACTGCCTTCAAGCCTGTGCTGCCACGGTCAGGAGCCATCTCCACTCT
 TCACCTGAGAGTACCAGCCACCACTTCATCCCATGCCTCCAGATAAGCCCAAGGAGCAGGAGCTGAAGC
 CAGGCCTGTGCTCCGGGGCACTGTCTGACTCAGGCCGGAATCCATGTCTAGCCTGCCACGCATAGCAC
 CACCAGCAGTACCAGCTGGATCCTCTGGTCACCCCGTGGGGCCTACCAGCCGTTTTGGGGTTACGCT
 CACAACATCACACAAGGCATCATCTTACAGGACAGTAATATGATGAGCCTGAAGGCTCTGTGCTTCTCTG
 ATGGCGGCAGCAAGCTGGCTCACCCAGGCAAGGCAGATAAGGGCGCCTCCTGTGTGCGTTCCCACTCTC
 CACGGATGAGTGCACCATCCAGGAGCTGGAGCAGAAGCTGCTGCAGAGGGAGACTGCACTACAGAAGCTA
 CAGCGCAGTTTCGATGAGAAGGAGTTTGCCTCTGGCCAAACCTTTGAGGAGCGGCCACGGCGGACTAGAG
 ACGAACTGGAGTGCCTGGAGCCTAAGAGCAAGCTGAAGCCACCCTCACAGAAGAGCCAGCGCACACAGCA
 GGTGCTCCAGTGCAGGTGTTGCAGTTGCAGCAGGAGAAACGGCAGCTAAGGCAGGAGCTAGAGAGCCTA
 ATGAAGGAGCAGGACCTGCTGGAGACCAAGCTGAGGTCTACGAGCGGGAGAAAACCAACTTCGCCCTG
 CACTGGAGGAGACCCAATGGGAGGTGTGCCAGAAGTCAGGTGAGATCTCTCTTTTGAAGCAACAGTCAA
 AGAGTCCCAATTAGAGGTGAACACTAAGGCCAGCGAGATCCTCAGTCTGAAGGCACAGCTGAAGGATACC
 CCGGGCAAGCTGGATGGAATGGAGCTGAAGACACAGGACTTGGAGAGTGCCTGCGCACCAAGGGCTGG
 AGCTGGAGGTCTGTGAGAACGAAGTGCAGCGCAAGAAGAATGAGGCAGAAGTGTGAGAGAGAAGGTGAA
 CCTTCTAGAACAGGAGTTGATGGAGTACGGGCCAGGCTGCTCTGCATCCGGCACCCCTGGGGCTCCA
 GGGGTTGGGCTCACTTTCTCAGAGGACATCCCTGCTCTGCAGCGGGAGCTGGATCGGCTGCGGGCCGAGC
 TGAAGGAGGAGAGCAAGGCCATGACCAGATGTCTCGGGATTCCAGCATGAGCGGTTGGTGTGAAAGA
 AGAGAAGGAGAAAGTGTCCAGTACCAAAGGCAGCTGCAGCAGAGCTACTTGGCCATGTACCAGCGCAAC
 CAGCGTCTAGAGAAGCCCTGCAGCAGCTGGCCCGTGGGGATGGTCCAGGGGAACCTTTGAAATTGACC
 TGGAGGGAGCTGACATCCCTACGAGGACATCATAGCCACTGAGATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_199364
- Insert Size:** 1800 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:

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: [NM_199364.2](#), [NP_955396.2](#)

RefSeq Size: 1800 bp

RefSeq ORF: 1800 bp

Locus ID: 211134

UniProt ID: [P60853](#)

Cytogenetics: 8 B3.3

Gene Summary: Involved in the regulation of cell growth. May stabilize the active CDC2-cyclin B1 complex and thereby contribute to the regulation of the cell cycle and the prevention of uncontrolled cell proliferation. May act as tumor suppressor (By similarity).[UniProtKB/Swiss-Prot Function]