

Product datasheet for **RN206969**

Lzts1 (NM_153470) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lzts1 (NM_153470) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lzts1
Synonyms:	Psdzip70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206969 representing NM_153470
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAGTGTGAGCAGCCTTATCTCAGGCCACAGTCTCCACAGCAAGCACTGTCGTGCTTCCCAGTACA
 AACTGCGCAAATCCTCCACCTCAAGAAGCTCAACCGGTACTCAGATGGGCTTCTGAGGTTTGGCTTCTC
 CCAGGACTCGGGCCGTGGCAAGTCCAGCTCCAAAATGGGAAAAGCGAAGACTTCTTCTACATCAAAGTC
 AGCCAGAAGGCCCGAGGCTCCCATCGCCAGACTACACAGCACTGTCCAGTGGGGACATGGGGGGCCAGA
 CTGGAGTAGATTTTGTCCAGCCACTCCACAAAGCTCATGCCCTTCTCCAGTCAACTGGAATGAGTTC
 AGACAAGCGCGCGGTGAGGCCACTGCCTTCAAGCCTGTGTTGCCACGGTCAGGAGCCATTCTCCACTCT
 TCACCTGAGAGTACCAACCACAGCTTCATCCCATGCCTCCAGATAAGCCCAAGGAACAGGAGCTGAAGC
 CAGGCCTGTGCTCAGGGGCACTGTCTGACTCGGGCCGGAATCCATGTCTAGCCTGCCACGCATAGCAC
 CACCAGCAGTACCAGCTGGATCCTCTGGTCACCCCGTGGGGCTACTAGCCGTTTTGGGGTTACAGT
 CACAACATCACACAAGGCATCATCCTTCAGGACAGTAATATGATGAGCCTGAAGGCTCTGTCAATTCTCTG
 ATGGGGGCGAGCAAGCTGGCTCAGCCAGGCAAGGTAGAAAAGGGCTCCTCCTGTGTGCGTTCCCACTCTC
 CACGGATGAGTGCACCATTCAGGAGCTGGAGCAGAAGCTGCTGCAGCGGGAGACTGCACTACAGAAGCTA
 CAGCGCAGTTTCGATGAGAAGGAGTTTGCTCTGGCCAGACCTTCGAGGAGCGGCCACGGCGGACTAGAG
 ACGAAGTGGAGTGCCTGGAACCTAAGAGCAAGCTGAAGCCAGCCTCCAGAAGAGCCAGCGCACCCAGCA
 GGTAAGTCCAGCTGCAGGTGTTACAGTTGCAGCAGGAGAAACGGCAGCTGAGGCAGGAGCTAGAGAGCCTA
 ATGAAGGAGCAGGACCTGCTGGAGACCAAGCTGAGGTCTACGAGCGGGAGAAAACCACTTCGCCCTG
 CACTGGAGGAGACCAATGGGAGGTGTGCCAGAAGTCAGGTGAGATCTCTCTTCTGAAGCAACAGCTCAA
 AGAATCCCAAATGGAGGTGAATGCTAAGGCCAGTGAGATCCTTAGCCTGAAGGCACAGCTGAAGGACACC
 CGGGGCAAGCTTGAGGAATGGAGTTGAAGACACAGGACTTGAGAGCGCCTTGCGCACCAAGGGGCTAG
 AGCTGGAGGTCTGTGAGAATGAAGTGCAGCGCAAGAAGAATGAGGCAGAGCTGCTGAGAGAGAAGGTGAA
 CCTTTTGAACAGGAGCTGCTGGAGCTGCGGGCCAGGCGGCCCTGCATCGAGATGCAGCACCCCTGGGC
 CCTCCAGGGATTGGGCTGACTTTCTCAGAGGACATCCCTGCTCTGCAGCGGGAGCTGGATCGGCTGCGGG
 CTGAGCTGAAGGAGGAGAGGCAAGGCCATGACCAGATGTCCTCGGGATTCCAGCATGAGCGGTTGGTGTG
 GAAGGAAGAGAAGGAGAAAGTGATCCAGTACAAAAGCAGCTGCAACAGAGCTACTTGCCATGTACCAG
 CGCAACCAGCGTCTAGAGAAGGCCCTGCAGCAGCTGGCCCGTGGGGATATTGCAGGGGAGCCCTTTGAAA
 TTGACCTGGAGGGAGCTGACATTCCTATGAGGATATCATAGCCACTGAGATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_153470

Insert Size: 1806 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_153470.1](#), [NP_703200.1](#)

RefSeq Size: 5008 bp

RefSeq ORF: 1806 bp

Locus ID: 266711

UniProt ID: [Q8CFC9](#)

Cytogenetics: 16p14

Gene Summary: transcription factor; may play a role cell growth; may be involved with the function of postsynaptic site of excitatory synapses [RGD, Feb 2006]