

Product datasheet for **MC220626**

Lzts3 (NM_197945) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lzts3 (NM_197945) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lzts3
Synonyms:	Prosapip1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220626 representing NM_197945
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCCTGCAGACCTGGCCTCGGAGGGTCCCAAGCTTGAGGACCCCGGCCCCACCTCTTTGGAA
 AGTGCCCTTCTGGCTTAATCATGGCGAAGCTGGAGACGTTACCTGTGCGCGCTGATCCAGGGAGGGATCC
 TCTCTGGCCTTTGCCCCCGGCCCTTCTGAGCTTGACCCCCAGATCCCCGCTGACTATGGGCAGTGTG
 GGTAGTGGGGTGACCCATGCTCAGGAGTTTCTATGAAAAGCGTGGGCACTCGAACAGGGGGTGGGGCA
 ACCAAGGCAGTTTCCCTGGTCCAAGAAGCGGTGGTAGCGGGCCAAACAGGGAGAGACCTGGTCGCTACCC
 ATCAGAGGACAAGGTTCTCGCCAACTCTCTACCTCAATGGCGAGCTGCGGGCAGTGACCACACAGAT
 GTCTGTGGTAATGTGGTGGGCAGCAGTGGGGCAGCAGCAGCAGTGGGGCAGCGACAAGGCTCCACCCC
 AGTATCGGAACCAATCACCCACCAAGCTCCTGACCACCTCTGGCAAGCTAGACCAGTCTCGGAGCC
 ACTAGTTCGGCCATCAGCCTTCAAGCCTGTTGTACCCAAGAACTTTCATTCATGCAGAACTTGTGTCT
 CCACAGACCAATGGGACCCCTGAGGGACGACAGGGCCCCGCGGGCTCAAAGGCGGACTGGACAAGTCTC
 GGACCATGACCCAGCTGGTGGGAGTGGGGCGGCCCTCTCAGACTCAGGCCGGAACCTCACTCACAAAGCTT
 GCCCACCTATAGCTCCAGCTATAGCCAGCATCTGGCACCCCTCAGTGCTTCCACCAGCCATATCAACCGT
 ATTGGCACCGCTGGCTATAGTAGTGGCAGCAGCGGTGGGGGTGACGGCTACCAGGATCTGGGGACCTCTG
 ACAGTGGGCGGGCTTCCAGTAAGAGTGGGTGTCATCATCCATGGGGCGGTACGGCCACCTGGGATCCGG
 GGAGGGCGGAAATGGGGGCTGCCATTTGCAGCCTGTTACCACCTCGCCAGTGGCTGATCCAGGAG
 CTGGAGGAGCGGCTGTGGAGAAGGAGCAGGAGGTGGCAGCTCTCGGCGCAGCCTGGAGCAGAGCGAGG
 CAGCCGTGGCCAGGTGTTGGAGGAGCGGCAAGGCATGGGAGCGGGAGCTAGCCGAGCTCCGGCAGGG
 CTGCAGTGGGAAGCTGCAGCAGGTGGCCCGCTGCCAGCGTGCCAGCAGGGCCTACAGCTGCAGGTG
 CTGCGGTTACAGCAGGACAAGAAACAGCTGCAGGAGGAGCGGCCAGCTGATAAGGCAACGGAAGAGC
 TGGAGGACAAGGTGGCCGTCTGTGAGAAGGAGCAGGCCGACTTCTGCCCGGATGGAGGAACTAAGTG
 GGAGGTGTGCCAGAAGGCCGGTGAGATTTCCCTCCTGAAGCAACAAGTGAAGGACTCTCAGGCCGATGTG
 TCGCAGAAGTTGAGTGAGATCGTGGGCTGCGCTCACAGCTTCGGGAGGGTAGGGCTCGCTCCGGGAGA
 AGGAGGAGCAGCTGCTCAGCTTGAGGGACTCCTCGGCAGCAAACAGGCCAGCCTGGAGCTGAGTGAAGG
 CGAGCTGCCCCCTGCCTGCCTCAAGCCTGCGCTGACCCCGTGGACCTGGTCGAGCCACAGGAGGCGCTG
 GCCTCCTGTGAGAGTGACGAGGCCAAGATGCGCCGGCAGGCTGGCGTGGCGGCTGCCGCTTCTGTGTTT
 CTGTTGATGGGGAGGTGGAGGCTGGAGGAGAGGGTGGGACACGGGCCCTACGCAGGGAGGTGGGGAGATT
 GCAGGCTGAGCTGGCTGCTGAGCGGCTGCCCGTGGAGCGCCAGGGTGCCAGCTTTGCGGAGGAGCGCCGG
 GTGTGGTTGGAGGAGAAGGAGAAGGTCAATTGAGTATCAGAAACAGCTCCAGCTGAGTTATGTGGAGATGT
 ATCAGCGCAACCAGCAGCTGGAGCGGCGACTTCGGGAGCGTGGGGCAGCAGGGGGTCCAGCACGCCCTAC
 TCCCCAGCATGGAGAGGAAAAGAAAGCCTGGACCCCTCCCGCTGGAGCGCATCGAGTCCACTGAAATC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_197945

Insert Size: 2103 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:	<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:	NM_197945.4 , NP_922936.3
RefSeq Size:	4319 bp
RefSeq ORF:	2103 bp
Locus ID:	241638
UniProt ID:	A2AHG0
Cytogenetics:	2 F1
Gene Summary:	May be involved in promoting the maturation of dendritic spines, probably via regulating SIPA1L1 levels at the postsynaptic density of synapses.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).