

Product datasheet for **MC203175**

Lztr1 (NM_025808) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lztr1 (NM_025808) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lztr1
Synonyms:	1200003E21Rik; AI591627; AW550890; TCFL
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC034400
CGGGCGGTGGCCGTGAGTCTGCAACCTGGCGGCTATCCAGCCTGAACAAGGGATGGCTGGCTCCGGAG
GCCCCATTGGGTCCGGGGCCTTGACAGGAGGGGTACGCTCCAAGGTGGCTCCGAGCGTGGACTTTGACCA
CAGCTGCTCAGACAGTGTGAGTACCTGACGCTCAACTTTGGACCCTTCGAAACAGTGCATCGCTGGCGG
CGCCTCCC GCCCTGTGACGAATTCGTGGGCGCCGGCGCAGCAAGCACACAGTCGTGGCATATAAGGATG
CCATCTATGTGTTGGTGGAGACAACGGAAGACGATGCTCAATGATCTCCTGCGTTTCGATGTGAAGGA
TTGCTCTGTGGTGCAGAGCCTTACCACCCGGCACCCCTCCAGCCCCCGTTACCACCACTCTGCTGTGGTC
TATGGGAGCAGCATGTTGCTCTTTGGGGCTATACTGGAGATATTTATTCCAATTTAAGGAAATA
AAAATGACCTCTTTGAATACAAATTTGCAACTGGCCAGTGGACGGAGTGAAGATTGAAGGGAGGTTGCC
TGTGCCAGGTGACGCCATGGGGCTACAGTGTACAGTGATAAGCTCTGGATCTTTGCTGGTTATGATGGC
AATGCCAGGTTGAACGACATGTGGACAATTGGCCTCCAAGACCGAGAGCTCACATGCTGGGAGGAGTGG
CCCAGAGTGGTGGAGATCCCCCATCTGCTGCAACTTCCCTGTGGCTGTGTGCCGGGATAAGATGTTGCT
GTTCTCAGGACAGAGTGGAGCCAAGATAACTAACAACTCTTCCAGTTTGAATTCAAAGACAAGACGTGG
ACACGCATCCCTACTGAGCACCTGCTTCGGGGCTCCCCACCCCGCCACAGCGGCGCTACGGACACACCA
TGGTGGCCTTTGACCGCCATCTCTATGTGTTTGGGGTGCAGCGGACAATACACTGCCCAATGAGTTGCA
CTGCTATGATGTGGACTTCCAGACCTGGGAGGTTGTCCAGCCAGCTCTGACAGTGGGTTGGGGCTGAG
ATGCCAGAGATGTGTTGGCTTAGATTTCCGACCACTTCAGCCAAGCAGCCTGCCCATCTGGCATCAGA
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GCTCAAGAGTGGCTGGCCAGAAGCTAGAGGAAGATGGGGCCCTAGCTCCAAGGAGCCCGCCAGCCAG
CTGTGGGACAGGGCACGGCCACCCCTGTTACGTGTGGCCATCCGTGAGGCTGAGGCCCGGCCATTTGAGGT
GCTCATGCAGTTTCTCTACACAGACAAGATCAAGTACCCACGAAAGGCCATGTAGAAGCGTGGTCTC
ATCATGGATGTGATAAGTTGGCGCTGAGCTTCCAGCTGTGTGCGCTTGAGCAGCTGTGTGCGCAGTACA
TCGAGGCCCTCTGTAGATCTGCAGAATGTTCTGGTTGTGTGTGAGAGTGTGCCAGGCTACAGCTGGGCCA
GCTCAAGGAGCATTGCCTGAACCTCATAGTGAAGGAATCCCACTTCAATCAGGTGATCATGATGAAGGAG
TTTGAGCGCCTCTCATCCCCACTGATTGTAGAGATAGTTCGTGGAAGCAGCAGCCGCCCTCGCACAC
CCTCCGATCAGCCTGTGGACATTGGCACATCTCTGATCCAAGACATGAAGGCTTACCTGGAGGGAGCAGG
CTCGGAGTTCTGTGACATCACACTACTGCTAGATGGCCAGCCACGCCAGCCACAAAGCCATCCTAGCT
GCCCGTTCTAGCTACTTTGAGGCCATGTTTCGGTCTGTTATGCCAGAGGACGGGCAGGTGAACATCTCCA
TTGGGGAGATGGTCCCAGCAGACAGGCCCTTCGAGTCCATGCTACGCTACATCTACTATGGGGAGGTCAA
CATGCCCCCTGAGGACTCGCTCTACCTGTTTGCAGCCCGTACTATTACGGCTTCTACAATAACCGACTG
CAGGCTTACTGCAAGCAAAACCTAGAGATGAATGTCACAGTGCAGAAATGTGCTGCAGATTCTGGAGGCGG
CTGACAAGACGCAGGCACTGGACATGAAGCGGCACTGTTTGCACATCATTGTACACCAATTCACCAAGGT
CTCTAAGCTGCCACGCTGCGGTTGCTGAGCCAGCAGCTGCTGCTGGACATCATAGACTCCTTGGCTCC
CACATCTCTGACAAGCAGTGTGCAGAGCTGGGTGCTGACATCTGAGGATCTCTGTTTGGAGAGTGAAGAC
ACCCAACCAATTGGCCACATCTCCACCTGCAGAGTGATCACACCTGTGGGGTCAAGGTTTCTCAGCTTCT
ACAGGGGCTGAGGTGTACAGGGACCCCCCAAAGCCTGCACTTATTGAGGACACAGGCCCCACAGGGA
ATAGCAAATAAAGCAAACCTCTTTCTAGCTGGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

RsrII-NotI

ACCN:

NM_025808

Insert Size:

2511 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:	<u>BC034400</u> , <u>AAH34400</u>
RefSeq Size:	2810 bp
RefSeq ORF:	2511 bp
Locus ID:	66863
UniProt ID:	<u>Q9CQ33</u>
Cytogenetics:	16 A3
Gene Summary:	<p>This gene encodes a member of the BR-C, ttk and bab-kelch superfamily that, in humans, localizes to the Golgi network and is associated with the ras / mitogen-activated protein kinase pathway. Loss-of-function mutations in the human ortholog are associated with glioblastoma multiforme, schwannomatosis, Noonan syndrome, and DiGeorge syndrome. [provided by RefSeq, Sep 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>