

Product datasheet for **SC304894**

LZTS1 (NM_021020) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LZTS1 (NM_021020) Human Untagged Clone
Tag:	Tag Free
Symbol:	LZTS1
Synonyms:	F37; FEZ1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene sequence for NM_021020 edited <pre> CTTTCCAAGACCTGCCCGCCCTGCCCATCCTCAGCCCCGAGTCACCATGGGCAGCGT CAGTAGCCTCATCTCCGGCCACAGCTTCCACAGCAAGCACTGCCGGGCTTCGCAGTACAA GCTGCGCAAGTCTCCACCTCAAGAAGCTCAACCGGTATTCCGACGGGCTGCTGAGGTT TGGCTTCTCCAGGACTCCGGTCACGGCAAGTCCAGCTCCAAAATGGGCAAGAGCGAAGA CTTCTTCTACATCAAGGTCAGCCAGAAAGCCCGGGGCTCCCATCACCCAGATTACACGGC ACTGTCCAGCGGGGATTTAGGGGGCCAGGCTGGGGTGGACTTTGACCCGTCCACACCCCC CAAGCTCATGCCCTTCTCCAATCAGCTAGAAATGGGCTCCGAGAAGGGTGCAGTGAGGCC CACAGCCTTCAAGCCTGTGCTGCCACGGTCAGGAGCCATCCTGCACTCCTCCCGGAGAG TGCCAGCCACCAGCTGCACCCCGCCCTCCAGACAAGCCCAAGGAGCAGGAGCTGAAGCC TGGCCTGTGCTCTGGGGCGCTGTCAGACTCCGGCCGGAATCCATGTCCAGCCTGCCCCAC ACACAGCACCAGCAGCTACCAGCTGGACCCGCTGGTACACCCGTGGGACCCACAAG CCGTTTTGGGGCTCCGCCACAACATCACCCAGGCATCGTCTCCAGGACAGCAACAT GATGAGCCTGAAGGCTCTGTCTTCTCCGACGGAGGTAGCAAGCTGGGCCACTCGAACAA GGCAGACAAGGGCCCTCGTGTGTCGGTCCCCCATCTCCACGGACGAGTGCAGCATCCA GGAGCTGGAGCAGAAGCTGTTGGAGAGGGAGGGCGCCCTCCAGAAGCTGCAGCGCAGCTT TGAGGAGAAGGAGCTTGCTCCAGCCTGGCCTACGAGGAGCGGCCGCGGCGCTGCAGGGA CGAGCTGGAGGGCCCGAGCCCAAGGGCGCAACAAGCTCAAGCAGGCCTCGCAGAAGAG CCAGCGCGCGCAGCAGGTCTGCACCTGCAGGTACTGCAGCTTCAGCAGGAGAAGCGGCA GCTCCGGCAGGAGCTCGAGAGCCTCATGAAGGAGCAGGACCTGCTGGAGACCAAGCTCAG GTCCTACGAGAGGGAGAAGACCAGCTTCGGCCCCGCGCTGGAGGAGACCCAGTGGGAGGT GTGCCAGAAGTCAGGCGAGATCTCCCTCCTGAAGCAGCAGCTGAAGGAGTCCCAGACGGA GGTGAACGCCAAGGCTAGCGAGATCCTGGGTCTCAAGGCACAGCTGAAGGACACGCGGGG CAAGCTGGAGGGCCTGGAGCTGAGGACCCAGGACCTGGAGGGCGCCCTGCGCACCAGGGG CCTGGAGCTGGAGGTCTGTGAGAATGAGCTGCAGCGCAAGAAGAACGAGGCGGAGCTGCT GCGGGAGAAGGTGAACCTGCTGGAGCAGGAGCTGCAGGAGCTGCGGGCCAGGCCGCCCT GGCCCCGACATGGGGCCGCCACCTTCCCCGAGGACGTCCCTGCCCTGCAGCGGGAGCT GGAGCGGCTGCGGGCCGAGCTGCGGGAGGAGCGGCAAGGCCATGACCAGATGTCTCGGG CTTCCAGCATGAGCGGCTCGTGTGAAGGAGGAGAAGGAGAAGGTGATTACGTACCAGAA ACAGCTGCAGCAGAGCTACGTGGCCATGTACCAGCGGAACAGCGCCTGGAGAAGGCCCT GCAGCAGCTGGCACGTGGGGACAGCGCCGGGGAGCCCTTGAGAGTTGACCTGGAAGGGGC TGACATCCCTACGAGGACATCATAGCCACTGAGATCTGAGGGGCTGCCTGGGAAGGCGA GTCTGGGGAC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_021020
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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_021020.1.
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:	<u>NM_021020.1, NP_066300.1</u>
RefSeq Size:	5492 bp
RefSeq ORF:	1791 bp
Locus ID:	11178
UniProt ID:	<u>Q9Y250</u>
Cytogenetics:	8p21.3
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a tumor suppressor protein that is ubiquitously expressed in normal tissues. In uveal melanomas, expression of this protein is silenced in rapidly metastasizing and metastatic tumor cells but has normal expression in slowly metastasizing or nonmetastasizing tumor cells. This protein may have a role in cell-cycle control by interacting with the Cdk1/cyclinB1 complex. This gene is located on chromosomal region 8p22. Loss of heterozygosity (LOH) in the 8p arm is a common characteristic of many types of cancer. [provided by RefSeq, Nov 2009]