

Product datasheet for **RC200824L1V**

LZTS2 (NM_032429) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | LZTS2 (NM_032429) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | LZTS2 |
| Synonyms: | LAPSER1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_032429 |
| ORF Size: | 2007 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC200824). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_032429.1 |
| RefSeq Size: | 2858 bp |
| RefSeq ORF: | 2010 bp |
| Locus ID: | 84445 |
| UniProt ID: | Q9BRK4 |
| Cytogenetics: | 10q24.31 |
| Protein Families: | Druggable Genome |
| MW: | 72.8 kDa |


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Gene Summary:

The protein encoded by this gene belongs to the leucine zipper tumor suppressor family of proteins, which function in transcription regulation and cell cycle control. This family member can repress beta-catenin-mediated transcriptional activation and is a negative regulator of the Wnt signaling pathway. It negatively regulates microtubule severing at centrosomes, and is necessary for central spindle formation and cytokinesis completion. It is implicated in cancer, where it may inhibit cell proliferation and decrease susceptibility to tumor development. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2015]