

## Product datasheet for **KN200824BN**

### LZTS2 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	LZTS2
Locus ID:	84445
Components:	<b>KN200824G1</b> , LZTS2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN200824G2</b> , LZTS2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN200824BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	<a href="#">NM_001318099</a> , <a href="#">NM_001318100</a> , <a href="#">NM_001318101</a> , <a href="#">NM_032429</a>
UniProt ID:	<a href="#">Q9BRK4</a>
Synonyms:	LAPSER1
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]



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Product images:

