

## Product datasheet for **KN200824RB**

### LZTS2 Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	LZTS2
Locus ID:	84445
Components:	<p><b>KN200824G1</b>, LZTS2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN200824G2</b>, LZTS2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN200824RBD</b>, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
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:	<p>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]</p>



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## Product images:

