

Product datasheet for **KN201808LP**

FUS Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	FUS
Locus ID:	2521
Components:	<p>KN201808G1, FUS gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN201808G2, FUS gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN201808LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001010850 , NM_001170634 , NM_001170937 , NM_004960 , NR_028388
UniProt ID:	P35637
Synonyms:	FUS-CHOP; FUS1; TLS
Summary:	<p>This gene encodes a multifunctional protein component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex. The hnRNP complex is involved in pre-mRNA splicing and the export of fully processed mRNA to the cytoplasm. This protein belongs to the FET family of RNA-binding proteins which have been implicated in cellular processes that include regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing. Alternative splicing results in multiple transcript variants. Defects in this gene result in amyotrophic lateral sclerosis type 6. [provided by RefSeq, Sep 2009]</p>



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Product images:

