

Product datasheet for **KN203886RB**

c20orf72 (MGME1) 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:	c20orf72
Locus ID:	92667
Components:	KN203886G1 , c20orf72 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN203886G2 , c20orf72 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN203886RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001310338 , NM_001310339 , NM_052865 , NM_001363738
UniProt ID:	Q9BQP7
Synonyms:	bA504H3.4; C20orf72; DDK1; MTDPS11
Summary:	The protein encoded by this gene is a nuclear-encoded mitochondrial protein necessary for the maintenance of mitochondrial genome synthesis. The encoded protein is a RecB-type exonuclease and primarily cleaves single-stranded DNA. Defects in this gene have been associated with mitochondrial DNA depletion syndrome-11. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]



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Product images:

