

Product datasheet for KN203886RB

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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 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

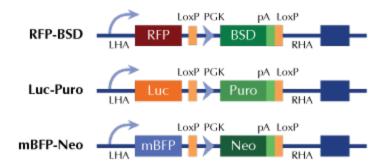
Summary: The protein encoded by this gene is a nuclear-encoded mitochondrial protein necessary for

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]



Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter