

Product datasheet for **KN205306RB**

MTM1 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: MTM1

Locus ID: 4534

Components: **KN205306G1**, MTM1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN205306G2, MTM1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN205306RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.
GE100003, 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: [NM_000252](#)

UniProt ID: [Q13496](#)

Synonyms: CNM; MTMX; XLMTM

Summary: This gene encodes a dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. It is required for muscle cell differentiation and mutations in this gene have been identified as being responsible for X-linked myotubular myopathy. [provided by RefSeq, Jul 2008]



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Product images:

