

Product datasheet for **KN218273**

MTSS1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: MTSS1
Locus ID: 9788
Components: **KN218273G1**, MTSS1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GAGAAGGAATGCAGCGCGCT
KN218273G2, MTSS1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GACCATCATCAGCGACATGA
KN218273D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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CAGCTCCGGT TCCCAACGAT C

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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_001282971](#), [NM_001282974](#), [NM_014751](#), [NM_001363296](#), [NM_001363298](#),
[NM_001363300](#), [NM_001363301](#), [NM_001363302](#), [NM_001363294](#), [NM_001363295](#),
[NM_001363297](#), [NM_001363299](#)

UniProt ID:

[O43312](#)

Synonyms:

MIM; MIMA; MIMB

Summary:

May be related to cancer progression or tumor metastasis in a variety of organ sites, most likely through an interaction with the actin cytoskeleton.[UniProtKB/Swiss-Prot Function]

Product images:

