

Product datasheet for **KN318507RB**

Txn2 Mouse 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: Txn2

Locus ID: 56551

Components: **KN318507G1**, Txn2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN318507G2, Txn2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN318507RBD, 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_019913](#)

UniProt ID: [P97493](#)

Synonyms: 2510006J11Rik; A1788873; Trx2

Summary: Important for the control of mitochondrial reactive oxygen species homeostasis, apoptosis regulation and cell viability. Possesses a dithiol-reducing activity.[UniProtKB/Swiss-Prot Function]



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Product images:

