

## Product datasheet for KN307405BN

# **Gstt1 Mouse Gene Knockout Kit (CRISPR)**

**Product data:** 

**Product Type:** Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

**Donor DNA:** mBFP-Neo

Symbol: Gstt1 14871 Locus ID:

**KN307405G1**, Gstt1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

**KN307405G2**, Gstt1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN307405BND, donor DNA containing left and right homologous arms and mBFP-Neo

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 008185, NM 001358778

**UniProt ID:** Q64471

Synonyms: AI255817; Gstt1-1

Summary: Conjugation of reduced glutathione to a wide number of exogenous and endogenous

hydrophobic electrophiles. Also binds steroids, bilirubin, carcinogens and numerous organic

anions. Has dichloromethane dehalogenase activity.[UniProtKB/Swiss-Prot Function]

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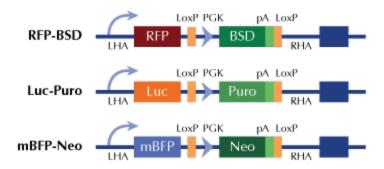
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# **Product images:**

### Donor Vector Edited Chromosome



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