

## Product datasheet for **KN304885**

### Dusp9 Mouse 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:	Dusp9
Locus ID:	75590
Components:	<p><b>KN304885G1</b>, Dusp9 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: ACTCATAACAGCTCCCGGCTG</p> <p><b>KN304885G2</b>, Dusp9 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CAGCAGAAGCTGTGGGCGCG</p> <p><b>KN304885D</b>, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

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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 TCGTGGTGTG ACGCTCGTCG TTTGGTATGG CTTCATTCAG CTCCGGTTCC CAACGATC

**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\\_029352](#)

**Synonyms:**

Dusp4; Mpk4; Pyst3

Product images:

