

## Product datasheet for **KN304862BN**

### Dusp1 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:	Dusp1
Locus ID:	19252
Components:	<b>KN304862G1</b> , Dusp1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN304862G2</b> , Dusp1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN304862BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_013642</a>
UniProt ID:	<a href="#">P28563</a>
Synonyms:	3CH134; erp; mkp-1; MKP1; Ptpn16; U19515
Summary:	Dual specificity phosphatase that dephosphorylates MAP kinase MAPK1/ERK2 on both 'Thr-183' and 'Tyr-185', regulating its activity during the meiotic cell cycle.[UniProtKB/Swiss-Prot Function]



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## Product images:

