

## Product datasheet for **KN318458RB**

### Tuba1a 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:	Tuba1a
Locus ID:	22142
Components:	<b>KN318458G1</b> , Tuba1a gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN318458G2</b> , Tuba1a gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN318458RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD 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_011653</a>
UniProt ID:	<a href="#">P68369</a>
Synonyms:	Tuba-1; Tuba1
Summary:	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. [UniProtKB/Swiss-Prot Function]



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## Product images:

