

## Product datasheet for **KN304074BN**

### Cyba 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:	Cyba
Locus ID:	13057
Components:	<b>KN304074G1</b> , Cyba gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN304074G2</b> , Cyba gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN304074BND</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_001301284</a> , <a href="#">NM_007806</a>
UniProt ID:	<a href="#">Q61462</a>
Synonyms:	b558; nmf333; p22-phox; p22phox
Summary:	Critical component of the membrane-bound oxidase of phagocytes that generates superoxide. Associates with NOX3 to form a functional NADPH oxidase constitutively generating superoxide.[UniProtKB/Swiss-Prot Function]



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## Product images:

