

Product datasheet for **KN200024LP**

DBR1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	DBR1
Locus ID:	51163
Components:	KN200024G1 , DBR1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN200024G2 , DBR1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN200024LPD , donor DNA containing left and right homologous arms and Luciferase-Puro 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_016216
UniProt ID:	Q9UK59
Synonyms:	debranching enzyme homolog 1; debranching enzyme homolog 1 (S. cerevisiae); RNA lariat debranching enzyme
Summary:	The protein encoded by this gene is an RNA lariat debranching enzyme that hydrolyzes 2'-5' prime branched phosphodiester bonds. The encoded protein specifically targets the bonds at the branch point of excised lariat intron RNA, converting them to linear molecules that are then degraded. This protein may also be involved in retroviral replication. [provided by RefSeq, Nov 2011]



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Product images:
