

# Product datasheet for KN200024BN

## DBR1 Human Gene Knockout Kit (CRISPR)

### **Product data:**

#### OriGene Technologies, Inc.

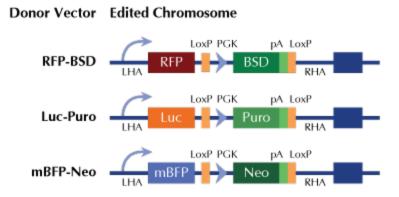
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	DBR1
Locus ID:	51163
Components:	<ul> <li>KN200024G1, DBR1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN200024G2, DBR1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN200024BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>
RefSeq:	<u>NM 016216</u>
UniProt ID:	<u>Q9UK59</u>
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:**



RFP, Luc, and mBFP will be under native gene promoter

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