

# Product datasheet for KN200581BN

## GADD34 (PPP1R15A) Human 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:	GADD34
Locus ID:	23645
Components:	<ul> <li>KN200581G1, GADD34 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN200581G2, GADD34 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN200581BND, 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 014330</u>
UniProt ID:	<u>075807</u>
Synonyms:	GADD34
Summary:	This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation. [provided by RefSeq, Jul 2008]

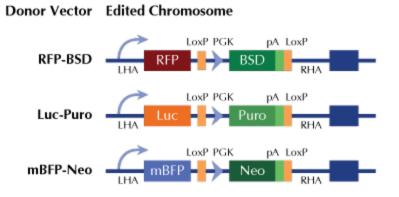
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#### **Product images:**



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

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