

Product datasheet for **KN204791BN**

RBPJK (RBPJ) 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:	RBPJK
Locus ID:	3516
Components:	KN204791G1 , RBPJK gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN204791G2 , RBPJK gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204791BND , donor DNA containing left and right homologous arms and mBFP-Neo 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_005349 , NM_015874 , NM_203283 , NM_203284 , NM_001363577
UniProt ID:	Q06330
Synonyms:	AOS3; CBF1; csl; IGKJRB; IGKJRB1; KBF2; RBP-J; RBPJK; RBPSUH; SUH
Summary:	The protein encoded by this gene is a transcriptional regulator important in the Notch signaling pathway. The encoded protein acts as a repressor when not bound to Notch proteins and an activator when bound to Notch proteins. It is thought to function by recruiting chromatin remodeling complexes containing histone deacetylase or histone acetylase proteins to Notch signaling pathway genes. Several transcript variants encoding different isoforms have been found for this gene, and several pseudogenes of this gene exist on chromosome 9. [provided by RefSeq, Oct 2013]



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Product images:

