

Product datasheet for **KN203124RB**

ERCC8 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	ERCC8
Locus ID:	1161
Components:	KN203124G1 , ERCC8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN203124G2 , ERCC8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN203124RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_000082](#), [NM_001007233](#), [NM_001007234](#), [NM_001290285](#)

UniProt ID: [Q13216](#)

Synonyms: CKN1; CSA; UVSS2

Summary: This gene encodes a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2014]



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Product images:

