

## Product datasheet for **KN203124BN**

### ERCC8 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:	ERCC8
Locus ID:	1161
Components:	<b>KN203124G1</b> , ERCC8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN203124G2</b> , ERCC8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN203124BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<a href="#">NM_000082</a> , <a href="#">NM_001007233</a> , <a href="#">NM_001007234</a> , <a href="#">NM_001290285</a>
UniProt ID:	<a href="#">Q13216</a>
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:

