

Product datasheet for KN203124BN

Froduct datasifeet for kinzos 124bin

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: KN203124G1, ERCC8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN203124G2, ERCC8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203124BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

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]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



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