

## Product datasheet for **KN209570BN**

### Cytokeratin 8 (KRT8) 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:	Cytokeratin 8
Locus ID:	3856
Components:	<b>KN209570G1</b> , Cytokeratin 8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN209570G2</b> , Cytokeratin 8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN209570BND</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_001256282</a> , <a href="#">NM_001256293</a> , <a href="#">NM_002273</a> , <a href="#">NR_045962</a>
UniProt ID:	<a href="#">P05787</a>
Synonyms:	CARD2; CK-8; CK8; CYK8; K2C8; K8; KO
Summary:	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]



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## Product images:

