

## Product datasheet for **KN209707BN**

### Cytokeratin 19 (KRT19) 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 19
Locus ID:	3880
Components:	<b>KN209707G1</b> , Cytokeratin 19 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN209707G2</b> , Cytokeratin 19 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN209707BND</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_002276</a>
UniProt ID:	<a href="#">P08727</a>
Synonyms:	CK19; K1CS; K19
Summary:	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. [provided by RefSeq, Jul 2008]



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## Product images:

