

## Product datasheet for **KN209685BN**

### GPR21 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:	GPR21
Locus ID:	2844
Components:	<b>KN209685G1</b> , GPR21 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN209685G2</b> , GPR21 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN209685BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_005294</a>
UniProt ID:	<a href="#">Q99679</a>
Synonyms:	G protein-coupled receptor 21; OTTHUMP00000022075
Summary:	This gene encodes a member of the G-protein-coupled receptor 1 family. G-protein coupled receptors are membrane proteins which activate signaling cascades as a response to extracellular stress. The encoded protein activates a Gq signal transduction pathway which mobilizes calcium. [provided by RefSeq, Nov 2012]



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## Product images:

