

## Product datasheet for **KN211884BN**

### MKS1 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:	MKS1
Locus ID:	54903
Components:	<b>KN211884G1</b> , MKS1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN211884G2</b> , MKS1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN211884BND</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_001165927</a> , <a href="#">NM_001321268</a> , <a href="#">NM_001321269</a> , <a href="#">NM_001330397</a> , <a href="#">NM_017777</a>
UniProt ID:	<a href="#">Q9NXB0</a>
Synonyms:	BBS13; JBTS28; MES; MKS; POC12
Summary:	The protein encoded by this gene localizes to the basal body and is required for formation of the primary cilium in ciliated epithelial cells. Mutations in this gene result in Meckel syndrome type 1 and in Bardet-Biedl syndrome type 13. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]



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## Product images:

