

Product datasheet for **KN220240LP**

FAT4 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	FAT4
Locus ID:	79633
Components:	KN220240G1 , FAT4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN220240G2 , FAT4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN220240LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , 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:	NM_001291285 , NM_001291303 , NM_024582
UniProt ID:	Q6V0I7
Synonyms:	CDHF14; CDHR11; FAT-J; FATJ; HKLLS2; NBLA00548; VMLDS2
Summary:	The protein encoded by this gene is a member of the protocadherin family. This gene may play a role in regulating planar cell polarity (PCP). Studies in mice suggest that loss of PCP signaling may cause cystic kidney disease, and mutations in this gene have been associated with Van Maldergem Syndrome 2. Alternatively spliced transcript variants have been noted for this gene. [provided by RefSeq, Mar 2014]



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Product images:

