

Product datasheet for **KN204264BN**

MFSD2A 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:	MFSD2A
Locus ID:	84879
Components:	KN204264G1 , MFSD2A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN204264G2 , MFSD2A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204264BND , donor DNA containing left and right homologous arms and mBFP-Neo 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_001136493 , NM_001287808 , NM_001287809 , NM_032793 , NR_109896 , NM_001349821 , NM_001349822 , NM_001349823
UniProt ID:	Q8NA29
Synonyms:	MCPH15; MFSD2; NLS1
Summary:	The protein encoded by this gene is a transmembrane protein and sodium-dependent lysophosphatidylcholine transporter. The encoded protein is involved in the establishment of the blood-brain barrier and is required for brain growth and function. Defects in this gene are a cause of a progressive microcephaly syndrome. [provided by RefSeq, Mar 2017]



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Product images:

