

Product datasheet for **KN205703BN**

LYPD1 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:	LYPD1
Locus ID:	116372
Components:	KN205703G1 , LYPD1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN205703G2 , LYPD1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN205703BND , 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_001077427 , NM_001321234 , NM_001321235 , NM_144586
UniProt ID:	Q8N2G4
Synonyms:	LYPDC1; PHTS
Summary:	Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro increases receptor desensitization and decreases affinity for ACh of alpha-4:beta-2-containing nAChRs. May play a role in the intracellular trafficking of alpha-4:beta-2 and alpha-7-containing nAChRs and may inhibit their expression at the cell surface. May be involved in the control of anxiety.[UniProtKB/Swiss-Prot Function]



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Product images:

