

Product datasheet for **KN318683LP**

Ugt8a Mouse 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:	Ugt8a
Locus ID:	22239
Components:	KN318683G1 , Ugt8a gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN318683G2 , Ugt8a gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN318683LPD , 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_011674 , NR_149311
UniProt ID:	Q64676
Synonyms:	AI850488; AW455908; Cgt; mCerGT; Ugt8
Summary:	Catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central nervous system and peripheral nervous system.[UniProtKB/Swiss-Prot Function]



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Product images:

