

Product datasheet for **KN210442BN**

UGT8 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:	UGT8
Locus ID:	7368
Components:	<p>KN210442G1, UGT8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210442G2, UGT8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN210442BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001128174 , NM_001322112 , NM_001322113 , NM_001322114 , NM_003360
UniProt ID:	Q16880
Synonyms:	CGT; UGT4
Summary:	The protein encoded by this gene belongs to the UDP-glycosyltransferase family. It 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 and peripheral nervous systems. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2011]



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Product images:

