

Product datasheet for **KN222133BN**

XYLT1 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:	XYLT1
Locus ID:	64131
Components:	KN222133G1 , XYLT1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN222133G2 , XYLT1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN222133BND , 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_022166
UniProt ID:	Q86Y38
Synonyms:	DBQD2; PXYLT1; XT-I; XT1; XTl; xylT-I; XYLTl
Summary:	This locus encodes a xylosyltransferase enzyme. The encoded protein catalyzes transfer of UDP-xylose to serine residues of an acceptor protein substrate. This transfer reaction is necessary for biosynthesis of glycosaminoglycan chains. Mutations in this gene have been associated with increased severity of pseudoxanthoma elasticum.[provided by RefSeq, Nov 2009]



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Product images:

