

Product datasheet for **KN219160BN**

ST8SIA2 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:	ST8SIA2
Locus ID:	8128
Components:	KN219160G1 , ST8SIA2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN219160G2 , ST8SIA2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN219160BND , 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:	<u>NM_006011</u> , <u>NM_001330416</u>
UniProt ID:	<u>Q92186</u>
Synonyms:	HsT19690; SIAT8B; ST8SIA-II; STX
Summary:	The protein encoded by this gene is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. The encoded protein may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29. [provided by RefSeq, Jul 2008]



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Product images:

