

Product datasheet for **KN208764RB**

ST8SIA4 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	ST8SIA4
Locus ID:	7903
Components:	<p>KN208764G1, ST8SIA4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208764G2, ST8SIA4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208764RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	<u>NM_005668</u> , <u>NM_175052</u>
UniProt ID:	<u>Q92187</u>
Synonyms:	PST; PST1; SIAT8D; ST8SIA-IV
Summary:	The protein encoded by this gene catalyzes the polycondensation of alpha-2,8-linked sialic acid required for the synthesis of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). The encoded protein, which is a member of glycosyltransferase family 29, is a type II membrane protein that may be present in the Golgi apparatus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]



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Product images:

