

Product datasheet for KN208764RB

ST8SIA4 Human Gene Knockout Kit (CRISPR)

Product data:

OriGene Technologies, Inc.

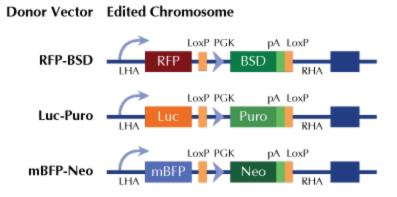
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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:	 KN208764G1, ST8SIA4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN208764G2, ST8SIA4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN208764RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003, scramble sequence in pCas-Guide vector
RefSeq:	<u>NM 005668, 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:



RFP, Luc, and mBFP will be under native gene promoter

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