

Product datasheet for **KN203776RB**

CDw75 (ST6GAL1) 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:	CDw75
Locus ID:	6480
Components:	<p>KN203776G1, CDw75 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN203776G2, CDw75 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN203776RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_003032 , NM_173216 , NM_173217 , NM_001353916
UniProt ID:	P15907
Synonyms:	SIAT1; ST6GalI; ST6N
Summary:	<p>This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2017]</p>



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Product images:

