

Product datasheet for KN203263RB

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SLC35B4 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: SLC35B4 Locus ID: 84912

Components: KN203263G1, SLC35B4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN203263G2, SLC35B4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN203263RBD**, donor DNA containing left and right homologous arms and RFP-BSD

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 032826</u>

 UniProt ID:
 Q969S0

 Synonyms:
 YEA; YEA4

Summary: Glycosyltransferases, such as SLC35B4, transport nucleotide sugars from the cytoplasm

where they are synthesized, to the Golgi apparatus where they are utilized in the synthesis of

glycoproteins, glycolipids, and proteoglycans (Ashikov et al., 2005 [PubMed 15911612]).

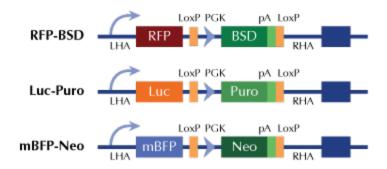
[supplied by OMIM, Mar 2008]





Product images:

Donor Vector Edited Chromosome



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