# Product datasheet for KN203263BN

## SLC35B4 Human Gene Knockout Kit (CRISPR)

### Product data:

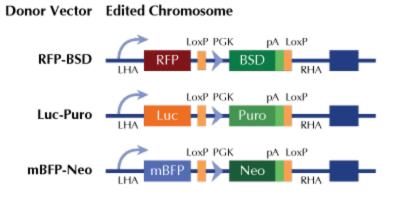| | |
|---|---|
| **Product Type:** | Knockout Kits (CRISPR) |
| **Format:** | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control |
| **Donor DNA:** | mBFP-Neo |
| **Symbol:** | SLC35B4 |
| **Locus ID:** | 84912 |
| **Components:** | **KN203263G1**, SLC35B4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br>**KN203263G2**, SLC35B4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br>**KN203263BND**, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.<br>**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:** | NM_032826 |
| **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] |

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## Product images:



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