

## Product datasheet for **KN200282BN**

### **NPC2 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

|                      |   |
|----------------------|---|
| <b>Product Type:</b> | Knockout Kits (CRISPR)  |
| <b>Format:</b>       | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control  |
| <b>Donor DNA:</b>    | mBFP-Neo  |
| <b>Symbol:</b>       | NPC2  |
| <b>Locus ID:</b>     | 10577   |
| <b>Components:</b>   | <b>KN200282G1</b> , NPC2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN200282G2</b> , NPC2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN200282BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.<br><b>GE100003</b> , scramble sequence in pCas-Guide vector  |
| <b>Disclaimer:</b>   | 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. |
| <b>RefSeq:</b>       | <a href="#">NM_006432</a> , <a href="#">NM_001363688</a>  |
| <b>UniProt ID:</b>   | <a href="#">P61916</a>  |
| <b>Synonyms:</b>     | EDDM1; HE1  |
| <b>Summary:</b>      | This gene encodes a protein containing a lipid recognition domain. The encoded protein may function in regulating the transport of cholesterol through the late endosomal/lysosomal system. Mutations in this gene have been associated with Niemann-Pick disease, type C2 and frontal lobe atrophy. [provided by RefSeq, Jul 2008]   |



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Product images:

