

## Product datasheet for **KN222962RB**

### Nectin 3 (NECTIN3) 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:       | Nectin 3  |
| Locus ID:     | 25945   |
| Components:   | <b>KN222962G1</b> , Nectin 3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN222962G2</b> , Nectin 3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN222962RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette.<br><b>GE100003</b> , 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:       | <a href="#">NM_001243286</a> , <a href="#">NM_001243288</a> , <a href="#">NM_015480</a>   |
| UniProt ID:   | <a href="#">Q9NQS3</a>  |
| Synonyms:     | CD113; CDW113; NECTIN-3; PPR3; PRR3; PVRR3  |
| Summary:      | This gene encodes a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival. This gene plays a role in ocular development involving the ciliary body. Mutations in this gene are believed to result in congenital ocular defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011] |



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## Product images:

