

## Product datasheet for **KN220738RB**

### PPP4R2 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:       | PPP4R2  |
| Locus ID:     | 151987  |
| Components:   | <b>KN220738G1</b> , PPP4R2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN220738G2</b> , PPP4R2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN220738RBD</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_001318025</a> , <a href="#">NM_001318026</a> , <a href="#">NM_001318027</a> , <a href="#">NM_001318028</a> , <a href="#">NM_174907</a>   |
| UniProt ID:   | <a href="#">Q9NY27</a>  |
| Synonyms:     | PP4R2   |
| Summary:      | The protein encoded by this gene is a regulatory subunit of the serine/threonine-protein phosphatase 4 complex. In addition to being required for efficient DNA double strand break repair, this complex plays a role in organization of microtubules at centrosomes and processing of spliceosomal snRNPs. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015] |



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## Product images:

