

## Product datasheet for **KN206546BN**

### GRAP2 Human Gene Knockout Kit (CRISPR)

#### Product data:

|               |  |
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| Product Type: | Knockout Kits (CRISPR)   |
| Format:       | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control   |
| Donor DNA:    | mBFP-Neo   |
| Symbol:       | GRAP2  |
| Locus ID:     | 9402   |
| Components:   | <b>KN206546G1</b> , GRAP2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN206546G2</b> , GRAP2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN206546BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo 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_001291824</a> , <a href="#">NM_001291825</a> , <a href="#">NM_001291826</a> , <a href="#">NM_001291828</a> , <a href="#">NM_004810</a>  |
| UniProt ID:   | <a href="#">O75791</a>   |
| Synonyms:     | GADS; GRAP-2; GRB2L; GRBLG; GrbX; Grf40; GRID; GRPL; Mona; P38   |
| Summary:      | This gene encodes a member of the GRB2/Sem5/Drk family. This member is an adaptor-like protein involved in leukocyte-specific protein-tyrosine kinase signaling. Like its related family member, GRB2-related adaptor protein (GRAP), this protein contains an SH2 domain flanked by two SH3 domains. This protein interacts with other proteins, such as GRB2-associated binding protein 1 (GAB1) and the SLP-76 leukocyte protein (LCP2), through its SH3 domains. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Apr 2014] |



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## Product images:

