

# Product datasheet for KN205909BN

## HHLA2 Human Gene Knockout Kit (CRISPR)

### **Product data:**

#### OriGene Technologies, Inc.

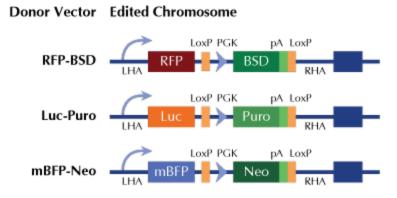
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| Product Type: | Knockout Kits (CRISPR)  |
|---------------|---|
|               |   |
| Format:       | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control  |
| Donor DNA:    | mBFP-Neo  |
| Symbol:       | HHLA2   |
| Locus ID:     | 11148   |
| Components:   | <ul> <li>KN205909G1, HHLA2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN205909G2, HHLA2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</li> <li>KN205909BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</li> <li>GE100003, scramble sequence in pCas-Guide vector</li> </ul>                                      |
| 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:       | <u>NM 001282556, NM 001282557, NM 001282558, NM 001282559, NM 007072, NM 001370244</u>  |
| UniProt ID:   | <u>Q9UM44</u>   |
| Synonyms:     | B7-H7; B7H7   |
| Summary:      | This gene encodes a protein ligand found on the surface of monocytes. The encoded protein<br>is thought to regulate cell-mediated immunity by binding to a receptor on T lymphocytes and<br>inhibiting the proliferation of these cells. Alternate splicing results in multiple transcript<br>variants. [provided by RefSeq, Sep 2013]  |



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#### **Product images:**



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

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