

## Product datasheet for **KN202054BN**

### EZH2 Human Gene Knockout Kit (CRISPR)

#### Product data:

|               |   |
|---------------|---|
| Product Type: | Knockout Kits (CRISPR)  |
| Format:       | 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control  |
| Donor DNA:    | mBFP-Neo  |
| Symbol:       | EZH2  |
| Locus ID:     | 2146  |
| Components:   | <b>KN202054G1</b> , EZH2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)<br><b>KN202054G2</b> , EZH2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)<br><b>KN202054BND</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_001203247</a> , <a href="#">NM_001203248</a> , <a href="#">NM_001203249</a> , <a href="#">NM_004456</a> , <a href="#">NM_152998</a>  |
| UniProt ID:   | <a href="#">Q15910</a>  |
| Synonyms:     | ENX-1; ENX1; EZH1; EZH2b; KMT6; KMT6A; WVS; WVS2  |
| Summary:      | This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Feb 2011] |



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## Product images:

