

Product datasheet for **KN205651BN**

Angiopoietin like 4 (ANGPTL4) 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: | Angiopoietin like 4 |
| Locus ID: | 51129 |
| Components: | KN205651G1 , Angiopoietin like 4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN205651G2 , Angiopoietin like 4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN205651BND , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003 , 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: | NM_001039667 , NM_016109 , NM_139314 , NR_104213 |
| UniProt ID: | Q9BY76 |
| Synonyms: | ANGPTL2; ARP4; FIAF; HARP; HFARP; NL2; PGAR; pp1158; TGQTL; UNQ171 |
| Summary: | This gene encodes a glycosylated, secreted protein containing a C-terminal fibrinogen domain. The encoded protein is induced by peroxisome proliferation activators and functions as a serum hormone that regulates glucose homeostasis, lipid metabolism, and insulin sensitivity. This protein can also act as an apoptosis survival factor for vascular endothelial cells and can prevent metastasis by inhibiting vascular growth and tumor cell invasion. The C-terminal domain may be proteolytically-cleaved from the full-length secreted protein. Decreased expression of this gene has been associated with type 2 diabetes. Alternative splicing results in multiple transcript variants. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4. [provided by RefSeq, Sep 2013] |



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Product images:

