

## Product datasheet for **KN216518BN**

### Plexin D1 (PLXND1) 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:	Plexin D1
Locus ID:	23129
Components:	<b>KN216518G1</b> , Plexin D1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN216518G2</b> , Plexin D1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN216518BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <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_015103</a>
UniProt ID:	<a href="#">Q9Y4D7</a>
Synonyms:	PLEXD1
Summary:	Cell surface receptor for SEMA4A and for class 3 semaphorins, such as SEMA3A, SEMA3C and SEMA3E. Plays an important role in cell-cell signaling, and in regulating the migration of a wide spectrum of cell types. Regulates the migration of thymocytes in the medulla. Regulates endothelial cell migration. Plays an important role in ensuring the specificity of synapse formation. Required for normal development of the heart and vasculature (By similarity). Mediates anti-angiogenic signaling in response to SEMA3E.[UniProtKB/Swiss-Prot Function]



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Product images:

