

## Product datasheet for **KN313500RB**

### Plxna1 Mouse Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Plxna1
Locus ID:	18844
Components:	<b>KN313500G1</b> , Plxna1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN313500G2</b> , Plxna1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN313500RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<u><a href="#">NM_008881</a></u>
UniProt ID:	<u><a href="#">P70206</a></u>
Synonyms:	2600013D04Rik; mKIAA4053; NOV; PlexA1; Plxn1
Summary:	Coreceptor for SEMA3A, SEMA3C, SEMA3F and SEMA6D. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm.[UniProtKB/Swiss-Prot Function]



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## Product images:

