

## Product datasheet for **KN218497RB**

### Von Willebrand Factor (VWF) Human 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:	Von Willebrand Factor
Locus ID:	7450
Components:	<b>KN218497G1</b> , Von Willebrand Factor gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN218497G2</b> , Von Willebrand Factor gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN218497RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD 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:** [NM\\_000552](#)

**UniProt ID:** [P04275](#)

**Synonyms:** F8VWF; VWD

**Summary:** This gene encodes a glycoprotein involved in hemostasis. The encoded preproprotein is proteolytically processed following assembly into large multimeric complexes. These complexes function in the adhesion of platelets to sites of vascular injury and the transport of various proteins in the blood. Mutations in this gene result in von Willebrand disease, an inherited bleeding disorder. An unprocessed pseudogene has been found on chromosome 22. [provided by RefSeq, Oct 2015]



[View online »](#)

Product images:

