OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC218497L1V

Von Willebrand Factor (VWF) (NM_000552) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Von Willebrand Factor (VWF) (NM_000552) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Von Willebrand Factor
Synonyms:	F8VWF; VWD
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000552
ORF Size:	8439 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218497).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000552.3
RefSeq Size:	8833 bp
RefSeq ORF:	8442 bp
Locus ID:	7450
UniProt ID:	P04275
Cytogenetics:	12p13.31
Domains:	VWC, VWD, VWA, TIL, CT, Cys_knot
Protein Families:	Druggable Genome, Secreted Protein

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Protein Pathways:	Complement and coagulation cascades, ECM-receptor interaction, Focal adhesion
MW:	309.3 kDa
Gene 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]