



VWF peptide (DAG-P1306)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | The glycoprotein encoded by this gene functions as both an antihemophilic factor carrier and a platelet-vessel wall mediator in the blood coagulation system. It is crucial to the hemostasis process. Mutations in this gene or deficiencies in this protein result in von Willebrands disease. An unprocessed pseudogene has been found on chromosome 22. [provided by RefSeq, Jul 2008] |
| Specificity | Plasma. |
| Purity | > 95 % by SDS-PAGE. |
| Conjugate | Unconjugated |
| Applications | ELISA, WB |
| Sequence Similarities | Contains 1 CTCK (C-terminal cystine knot-like) domain.Contains 4 TIL (trypsin inhibitory-like) domains.Contains 3 VWFA domains.Contains 3 VWFC domains.Contains 4 VWFD domains. |
| Format | Liquid |
| Buffer | Preservative: None Constituents: 50% Glycerol, 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75 |
| Preservative | None |
| Storage | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 50% Glycerol, 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75 |

GENE INFORMATION

Gene Name [VWF von Willebrand factor \[Homo sapiens \(human\) \]](#)

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| Official Symbol | VWF |
| Synonyms | VWF; von Willebrand factor; VWD; F8VWF; coagulation factor VIII VWF; |
| Entrez Gene ID | 7450 |
| mRNA Refseq | NM_000552.3 |
| Protein Refseq | NP_000543.2 |
| UniProt ID | P04275 |
| Chromosome Location | 12p13.3 |
| Pathway | Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Formation of Fibrin Clot (CI |
| Function | chaperone binding; collagen binding; glycoprotein binding; identical protein binding; immunoglobulin binding; integrin binding; protease binding; protease binding; protein N-terminus binding; protein binding; protein homodimerization activity; |