

Recombinant VWF-A1 domain Human, residues 1261-1468

Catalog V001 - 0.1 mg
Lot 1552

Life Sciences Incubator
Yalelaan 62
3584 CM Utrecht
The Netherlands

Product description

Human Von Willebrand Factor (VWF) is a multimeric glycoprotein, which is involved in binding coagulation factor VIII and in adhesion of platelets at sites of vascular damage. In this process the platelet receptor glycoprotein Ib-IX-V complex binds to the VWF-A1 domain.

Reference sequences:	NM_000552 NP_000543 Swiss-prot P04275
Alternative names:	Von Willebrand antigen II Von Willebrand Factor F8VWF
Gene ID:	7450

Residues 1261-1468 of human VWF were cloned, the protein was over-expressed and was purified to homogeneity (figure 1). The calculated molecular weight of recombinant human VWF-A1 domain is 23.8 kDa. Each vial contains 100 µg VWF-A1 at 7.90 mg/ml.

Storage and stability

VWF-A1 should be stored at - 80 °C (stable for at least 1 year). The buffer contains 25 mM tris 350 mM NaCl pH 7.8 without preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months). For maximal stability the concentration NaCl should be at least 100 mM.

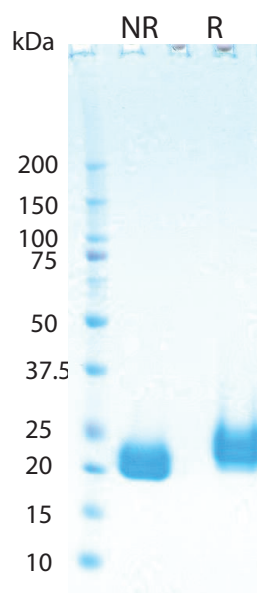


Figure 1.
NuPage analysis of
purified VWF-A1

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The product can not be used in any commercial activity (commercial use includes, but is not limited to, 1) preparation of growth media with the purpose of sale, 2) R&D activities for third parties)

The product can not be resold.

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