

Recombinant VWF-A3 domain, human, residues 1683-1874

N-terminal his-tag

Catalog UCV004

Lot A0009

product specification sheet: PS-V004



products@immunoprecise.com

www.immunoprecise.com

Product description

Human Von Willebrand Factor (VWF) is a multimeric glycoprotein, which is involved in binding coagulation factor VIII and adhesion of platelets at sites of vascular damage. In this process the VWF-A3 domain binds to collagen in the vascular matrix.

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

Residues 1683-1874 of human VWF were cloned, the protein was over-expressed and was purified to homogeneity. The calculated molecular weight of recombinant human VWF-A3 domain is 20.5 kDa. Each vial contains 100 µg VWF-A3 at 0.43 mg/ml. The proteins contains a N-terminal, trombin cleavable, hexahistidine tag.

Storage and stability

VWF-A3 should be stored at -80°C (stable for at least 1 year). The buffer contains 25 mM tris 150 mM NaCl pH 7.8 without preservatives. After thawing it should be stored in appropriate small aliquots at -20°C to -80°C (stable for at least 2 months)

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