

Recombinant VWF-A3 domain, human, residues 1683-1874, without tag

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Catalog V005 - 0.1 mg
Lot A0010

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 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 0.46 mg/ml.

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 preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).

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The product is not for use in humans

The product can only be used for internal research and development

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)
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