

HUMAN VWF (23-763) PROTEIN, HIS TAG

Cat.#: 11479

Product Name: Human VWF (23-763) Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: F8VWF;VWD

Target: VWF

UNIPROT ID: P04275

Description: Recombinant human VWF(23-763) protein with C-terminal 6xHis tag

Background: 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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 82.2 kDa after removal of the signal peptide. The apparent molecular mass of VWF(23-763)-His is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: VWF(Als23-Arg763) 6xHis tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

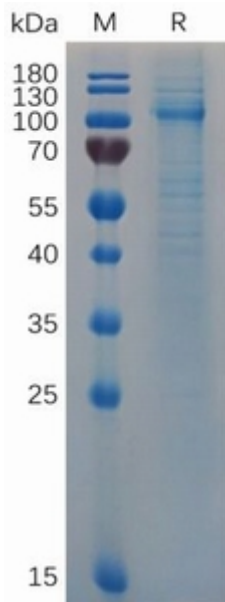


Figure 1. Human VWF (23-763) Protein, His Tag on SDS-PAGE under reducing condition.