

Recombinant Full Length Human VWF Protein, C-His-tagged

Cat. No. VWF-12HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human von Willebrand factor (VWF), Ala23-End, with C-terminal His tag, secretory expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	23-end a.a.
Description	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.
Form	PBS, pH 7.4, 10% glycerol.
Molecular Mass	308.3 kDa
AA Sequence	A DNA sequence from TrueORF clone, RC218497, encoding the region(Ala23-End) of VWF.
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>0.05 µg/µl as determined by microplate BCA method
Protein Families	Druggable Genome, Secreted Protein
Protein Pathways	Complement and coagulation cascades, ECM-receptor interaction, Focal adhesion

GENE INFORMATION

Gene Name	VWF von Willebrand factor [Homo sapiens (human)]
Official Symbol	VWF
Synonyms	VWD; F8VWF
Gene ID	7450
mRNA Refseq	NM_000552.5
Protein Refseq	NP_000543.3
MIM	613160
UniProt ID	P04275

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SDS-PAGE

Purified recombinant protein VWF was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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