

Recombinant Human VWF, DDK-tagged

Cat. No. VWF-2714H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human VWF, was expressed in sf9 cells, Met-Ser764-Ser1263, with C-terminal DDK tag.
Species	Human
Source	Sf9 Cells
ProteinLength	Met-Ser764-Ser1263
Description	The glycoprotein encoded by this gene functions as both an antihemophilic factor carrier and a platelet-vessel wall mediator in the blood coagulation system. It is crucial to the hemostasis process. Mutations in this gene or deficiencies in this protein result in von Willebrand's disease. An unprocessed pseudogene has been found on chromosome 22.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	55 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	VWF von Willebrand factor [Homo sapiens]
Official Symbol	VWF
Synonyms	VWD; F8VWF; von Willebrand factor; coagulation factor VIII VWF
Gene ID	7450
mRNA Refseq	NM_000552
Protein Refseq	NP_000543
MIM	613160
UniProt ID	P04275
Chromosome Location	12p13.3
Pathway	Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem
Function	chaperone binding; collagen binding; glycoprotein binding

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