

Recombinant Human VWF Protein, His-Avi-tagged, Biotinylated

Cat. No. VWF-894HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human VWF Protein(AAB59458.1) (Met1-Lys2813) was expressed in CHO with a C-terminal polyhistidine tag followed by an AVI tag. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.
Species	Human
Source	CHO
ProteinLength	1-2813 aa
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant Human Von Willebrand Factor/vWF comprises 2817 amino acids and has a predicted molecular mass of 310.37 kDa. It migrates as an approximately 300.1 and 245.9 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	VWF von Willebrand factor [Homo sapiens]
Official Symbol	VWF
Synonyms	VWF; von Willebrand factor; F8VWF; coagulation factor VIII VWF; VWD;
Gene ID	7450
mRNA Refseq	NM_000552
Protein Refseq	NP_000543
MIM	613160
UniProt ID	P04275

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