Recombinant Human Full Length VWF protein, His tagged

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

SPECIFICATION

Product Overview	Recombinant Human Full Length VWF protein(NP_000543.2) (Met 1-Lys 2813) was expressed in CHO with a C-terminal polyhistidine tag.
Species	Human
Source	CHO
ProteinLength	1-2813 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant human vWF consists of 2802 amino acids after removal of the signal peptide and has a predicted molecular mass of 308 kDa. Purified rhvWf exists as both the form with the peptide (307 kDa) and the mature form (226 kDa), which migrates as doublets with apparent molecular mass of 260 and 350 kDa respectively in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 75 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

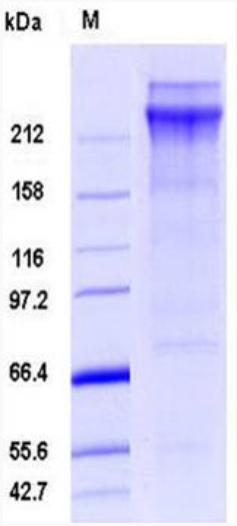
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_000543.2
Unit ID	P04275
Unit ID-Weblink	http://www.uniprot.org/uniprot/P04275

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

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SDS-PAGE	

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