

Von Willebrand Factor Recombinant Protein | vWF recombinant protein

Recombinant Von Willebrand Factor (vWF)

CATALOG # AAA144444	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Von Willebrand Factor; Recombinant Von Willebrand Factor (vWF); vWF recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	5 (varies by lot)
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHH HHHSGSEF-D VAFVLEGSDK IGEADFNRSK EFMEEVQRM DVGQDSIHVT VLQYSYMTV EYPFSEAQSK GDILQRVREI RYQGGNRTNT GLALRYLSDH SFLVSQGDRE QAPNLVYMTV GNPASDEIKR LPGDIQVVPI GVGPNANVQE LERIGWPNAP ILIQDFETLP REAPDLV
Sequence Length	2813
Applicable Applications for vWF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	20.4kDa
Accurate Molecular Mass (KD)	18kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Homo sapiens (Human)
Fragment	Asp1498~Val1665
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	89191868
NCBI GeneID	7450
NCBI Accession #	NP_000543.2
NCBI GenBank Nucleotide #	NM_000552.3
Molecular Weight	38,745 Da
NCBI Official Full Name	von Willebrand factor preproprotein
NCBI Official Synonym Full Names	von Willebrand factor
NCBI Official Symbol	VWF
NCBI Official Synonym Symbols	VWD; F8VWF
NCBI Protein Information	von Willebrand factor
UniProt Protein Name	von Willebrand factor
UniProt Gene Name	VWF
UniProt Synonym Gene Names	F8VWF; vWF
UniProt Entry Name	VWF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.