Von Willebrand Factor A Domain Containing Protein 2 (vWA2) Recombinant Protein | vWA2 recombinant protein

Recombinant Von Willebrand Factor A Domain Containing Protein 2 (vWA2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134385	**E.coli**	**Homo sapiens (Human)**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Von Willebrand Factor A Domain Containing Protein 2 (vWA2); Recombinant Von Willebrand Factor A Domain Containing Protein 2 (vWA2); vWA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	100mM NaHCO3, 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 500ug/mL (varies by lot)
Applicable Applications for vWA2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser457~Gly708
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.3
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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. 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 rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE

SEDE VAGPARHARA RELLLLGVGS EAVRAELEEI TGSPKHVMVY
SDPQDLFNQI PELQGKLCSR QRPGCRTQAL DLVFMLDTSA SVGPENFAQM
QSFVRSCALQ FEVNPDVTQV GLVVYGSQVQ TAFGLDTKPT RAAMLRAISQ
APYLGGVGSA GTALLHIYDK VMTVQRGARP GVPKAVVVLT GGRGAEDAAV
PAQKLRNNGI SVLVVGVGPV LSEGLRRLAG PRDSLIHVAA YADLRYHQDV
LIEWLCGG

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	89191868
NCBI GeneID	7450
NCBI Accession #	NP_000543.2
NCBI GenBank Nucleotide #	NM_000552.3
UniProt Accession #	P04275; Q99806
Molecular Weight	Predicted Molecular Mass: 30.5kDa Accurate Molecular Mass: 30&28kDa as determined by SDS-PAGE reducing conditions.
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; coagulation factor VIII VWF
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.

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Online datasheet: https://stage.aaabiotech.com/vwf-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134385