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Recombinant Von Willebrand Factor A Domain Containing Protein 1 (vWA1)

Catalog Number: SIPA523Mu02 **Spec: 500ug**

Product Name	Recombinant Von Willebrand Factor A Domain Containing Protein 1 (vWA1)
Catalog Number	SIPA523Mu02
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Arg19~Pro415
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted, Extracellular matrix
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	20mM HEPES,150 mM NaCl,0.1M L-arginine,pH7.4.
Original Concentration	300μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	6.3
Predicted Molecular Mass	46.4kDa
Accurate Molecular Mass	46kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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°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.

[SEQUENCE]

RSSIERGSTASDPQGDLLFLLDSSASVSHYEFSRVREFVGQLVATMSFGPGALRASLVHVG
SQPHTEFTFDQYSSGQAIQDAIRVAPQRMGDTNTGLALAYAKEQLFAEEAGARPGVPKV
LVWVTDGGSSDPVGPPMQELKDLGVTIFIVSTGRGNLLELLAAASAPAEKHLHFVDVDDL
PIIARELRGSITDAMQPQQLHASEVLSSGFRLSWPPLLTADSGYYVLELVPSGKLATTRRQ
QLPGNATSWTWTDLDPDTDYEVSLLPESNVHLLRPQHVRVRTLQEEAGPERIVISHARP
RSLRVSWAPALGPDSALGYHVQLGPLQGGSLERVEVPAGQNSTTVQGLTPCTTYLVTVT
AAFRSGRQRALSAKACTASGARTRAPQSMRPEAGPREP

[IDENTIFICATION]

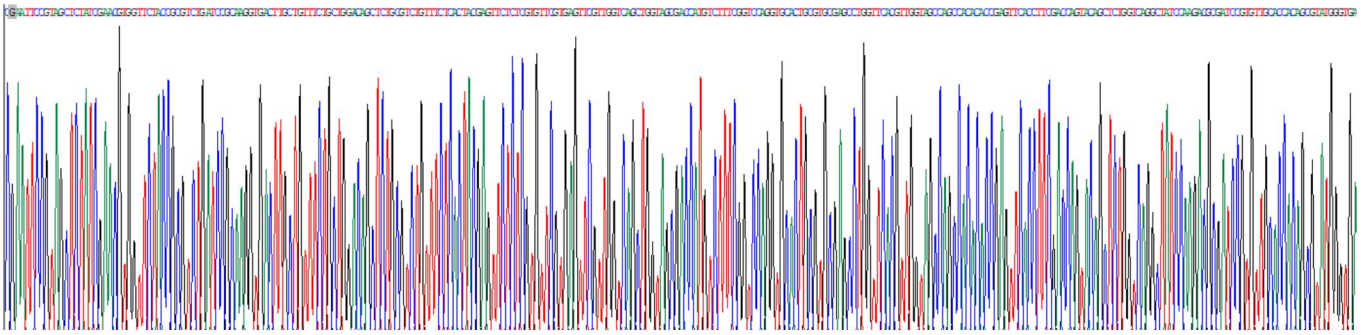


Figure . Gene Sequencing (extract)

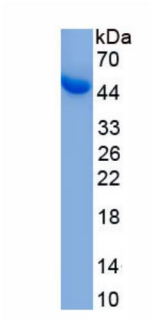


Figure. SDS-PAGE

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[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.