

RPA950Hu02 1mg

Recombinant Von Willebrand Factor Cleaving Protease (vWFCP)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Val896~Val1131

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/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: 6.4

Predicted Molecular Mass: 55.4kDa

Accurate Molecular Mass: 55kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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]

VWTPA

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AGSCSVSCGR  GLMELRFLCM  DSALRVPVQE  ELCGLASKPG  SRREVCQAVP
CPARWQYKLA  ACSVSCGRGV  VRRILYCARA  HGEDDGEEIL  LDTQCQGLPR
PEPQEACSLE  PCPPRWKVMS  LGPCSASCGL  GTARRSVACV  QLDQGQDVEV
DEACAALVR   PEASVPLIA   DCTYRWHVGT  WMECSVSCGD  GIQRRRTCL
GPQAQAPVPA  DFCQHLPKPV  TVRGCWAGPC  V
    
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[IDENTIFICATION]

G A A T T C G T G T G G A C C C C T G C G G C A G G G T C G T G C T C C G T C T C C T G C G G G C G A G G T C T G A T G A G C T G C G T T T C C T G T G C A T G G A C T C T G C C C T C A G G G T G C C T G T C C A G G A A G A G C T G T G T G C C T G G C A A G C A A G C C T G G G A G C C G G C G G G A G C T

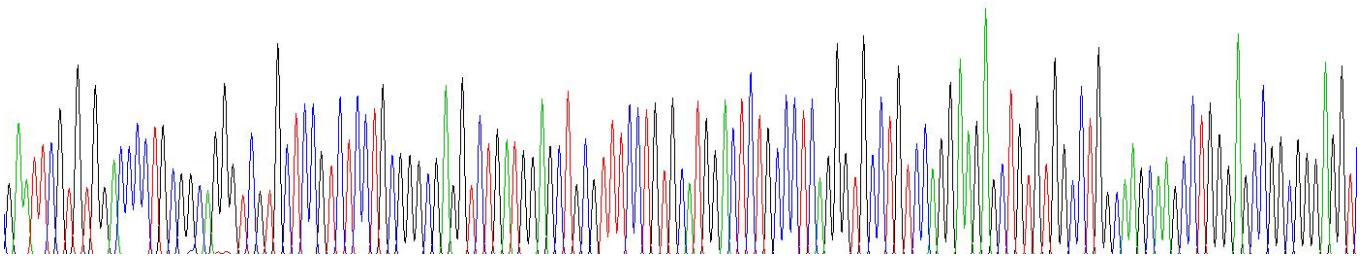


Figure . Gene Sequencing (extract)

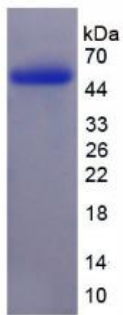


Figure. SDS-PAGE

[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.