Cloud-Clone Corp.

RPB878Mu02 50µg

Recombinant Coagulation Factor VIII (F8)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

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[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Lys399~Cys730

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 400μg/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: 7.3

Predicted Molecular Mass: 41.7kDa

Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH_2O to a concentration of 0.1-0.5 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]

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                                                                  KT
WIHYISAEEE DWDYAPSVPT SDNGSYKSQY LSNGPHRIGR KYKKVRFIAY
TDETFKTRET IQHESGLLGP LLYGEVGDTL LIIFKNQASR PYNIYPHGIT
DVSPLHARRL PRGIKHVKDL PIHPGEIFKY KWTVTVEDGP TKSDPRCLTR
YYSSFINPER DLASGLIGPL LICYKESVDQ RGNQMMSDKR NVILFSIFDE
NQSWYITENM QRFLPNAAKT QPQDPGFQAS NIMHSINGYV FDSLELTVCL
HEVAYWHILS VGAQTDFLSI FFSGYTFKHK MVYEDTLTLF PFSGETVFMS
MENPGLWVLG CHNSDFRKRG MTALLKVSSC
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[IDENTIFICATION]

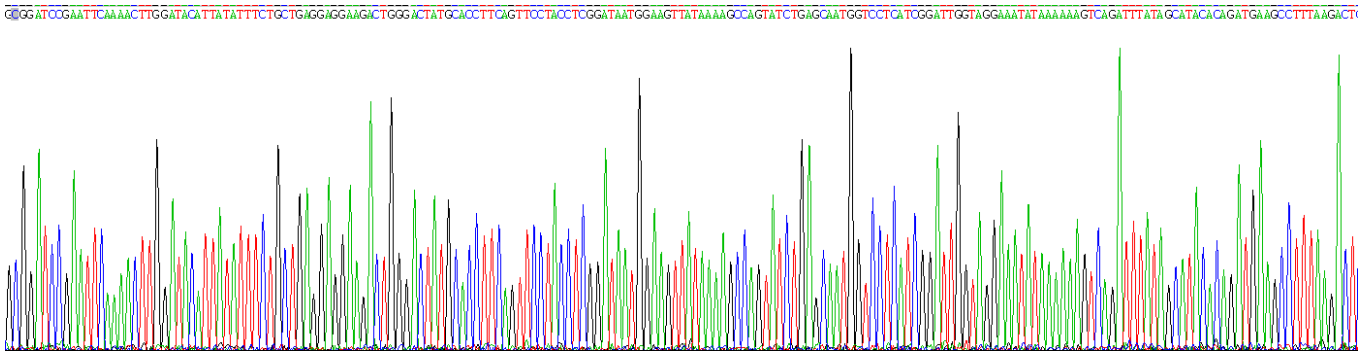

Figure. Gene Sequencing (Extract)

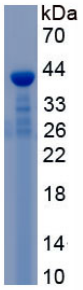

Figure. SDS-PAGE

[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.