

RPA840Rb03 100µg

Recombinant Coagulation Factor IX (F9)

Organism Species: *Oryctolagus cuniculus* (Rabbit)

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: Met1~Thr462

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 80%

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: 5.4

Predicted Molecular Mass: 55.8kDa

Accurate Molecular Mass: 56kDa 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]

MQFLNTIMAE SPGLITICLL GYLLSAECTV FLDHENATKI LNRKRYNSG
 KLEEFVSGNL ERECIERCS FEEAREVFEN TEKTTEFWKQ YVDGDQCESN
 PCLNGGSCKD DINAYECWCQ YGFEGKNCEL DSTCSIKNGR CEQFCRKNRN
 NKIICSCTEG YRLAENQKSC EPAVPFPCGR VSVSHASKKI TRATTIFSNT
 EYENFTEAET IRGNVTQDAQ SSDDFTRIVG GENAKPGQFP WQVLLNGKVE
 AFCGGSIIINE KWVVTAAHCI KPDDNITVVA GEYNIQETEN TEQKRNVI
 IPYHKYNATI NKYNHDIAL ELDKPLTLNS YVTPICIANR EYTNIFLNFG
 SGYVSGWGRV FNRGRQASIL QYLRVPFVDR ATCLRSTKFT IYNNMFCAGF
 DVGGKDSCEG DSGGPHVTEV EGTSTLTGII SWGEECAIKG KYGVYTRVSW
 YVNIKEKTK LT

[IDENTIFICATION]

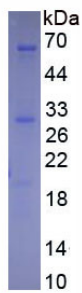


Figure. SDS-PAGE

[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.