RPA143Po01 50µg

Recombinant Vascular Endothelial Growth Factor A (VEGFA)

Organism Species: *Sus scrofa; Porcine (Pig)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ala27~Arg190

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

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

Original Concentration: 50µg/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: 6.9

Predicted Molecular Mass: 49.2kDa

Accurate Molecular Mass: 49kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH$_2$O to a concentration of 0.1-0.4 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.
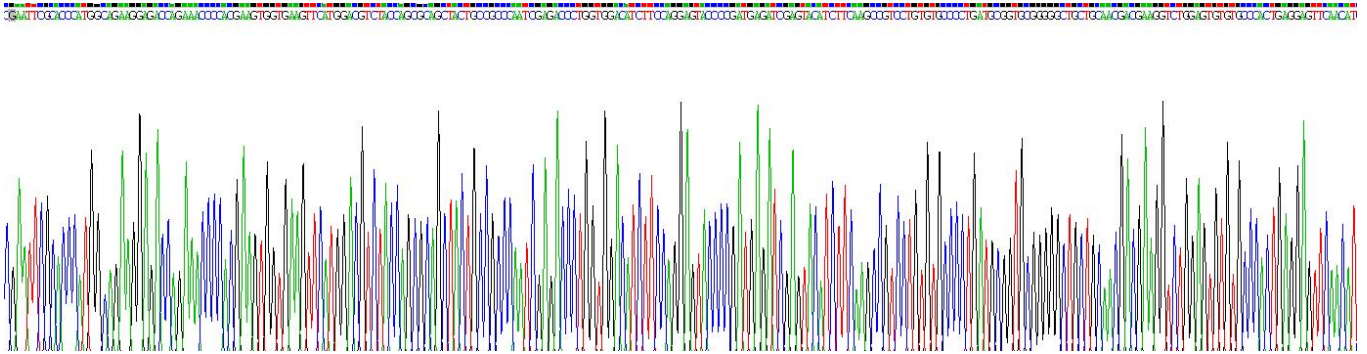
Store at 2-8⁰C for one month.

Aliquot and store at -80⁰C 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.
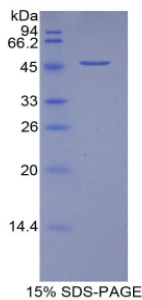
[SEQUENCE]

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                         APMA EGDQKPHEVV KFMDVYQRSY
CRPIETLVDI FQEYPDEIEY IFKPSCVPLM RCGGCCNDEG LECVPTEEFN
ITMQIMRIKP HQGQHIGEMS FLQHNKCECR PKKDRARQEN PCGPCSERRK
HLFVQDPQTC KCSCKNTDSR CKARQLELNE RTCRCDKPRR
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[IDENTIFICATION]

Figure . Gene Sequencing (extract)

[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.