

RPE784Hu03 10µg

Recombinant Annexin A4 (ANXA4)

Organism Species: *Homo sapiens (Human)*

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: Ala2~Asp319

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 95%

Traits: Freeze-dried powder

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

Original Concentration: 2500µg/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: 5.8

Predicted Molecular Mass: 39.5kDa

Accurate Molecular Mass: 38kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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]

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ATKGGTVKA ASGFNAMEDA QTLRKAMKGL GTDEDAIISV LAYRNTAQRQ  
EIRTAYKSTI GRDLIDDLKS ELSGNFEQVI VGMPTPTVLY DVQELRRAMK  
GAGTDEGCLI EILASRTPEE IRRISQTYQQ QYGRSLEDDI RSDTSFMFQR  
VLVLSAGGR DEGNYLDDAL VRQDAQDLYE AGEKKWGTDE VKFLTIVLCSR  
NRNHLHVPD EYKRISQKDI EQSIKSETSG SPEDALLAIV KCMRNKSAYF  
AEKLYKSMKG LGTDDNTLIR VMVSRAEIDM LDIRAHFKRL YGKSLYSFIK  
GDTSGDYRKV LLVLCGGDD
```

[IDENTIFICATION]

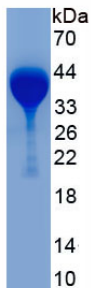


Figure. SDS-PAGE

[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.