

RPB967Bo01 100µg

Recombinant Apolipoprotein A4 (APOA4)

Organism Species: *Bos taurus*; Bovine (Cattle)

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: Glu21~Gly380

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, 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: 5.8

Predicted Molecular Mass: 44.7kDa

Accurate Molecular Mass: 45kDa 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.

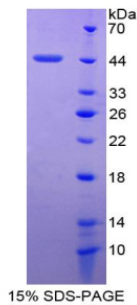
Aliquot and store at -80°C for 12 months.

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]

LFQDKLGEVS	TYTDDLQKKL	EVNADQVATV	IWDYFSQLGN	NAKKAVEHIQ	KSELTQQLNT
SQKIGDNVRE	LQQRLLGPIAE	VPFATELHER	LTKDSEKLKE	EIRKELEDLR	ARLLPHATEV
PYAEELQATV	NQRVEELKGR	ELRTQVDTQA	QQLRRQLTPY	VERMEKVMRQ	NLDQLQASLA
LAFQMKKHAE	ELKAKISAKA	LTPYADQLQT	KIEENVEELR	RSLAPYAQDV	QGKLNHQLEG
EDFRRTVGPY	GETFNKAMVQ	EELRQGLVPL	VNSVHGSQLG	NAEDLQKSLA	ELSSRLDQQV
KESQAPALPA	QEEMPVPLGG	QLDTRLRQKLG	PLAGDVEDHL	SFLEKDLRDK	VSSFFNTLKE

[IDENTIFICATION]



[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.