RPD620Hu01 100µg

Recombinant ATP Binding Cassette Transporter A4 (ABCA4)

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: Gly1398~Asn1727

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 120μg/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: 7.7

Predicted Molecular Mass: 40.7kDa

Accurate Molecular Mass: 41kDa 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 2-8ºC 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]

GEY
PALTLHPWIY GQQYTFFSMD EPGSEQFTVL ADVLLNKPGF GNRCLKEGWL
PEYPCGNSTP WKTPSVSPNI TQLFQKQKWT QVNPSPSCRC STREKLTMLP
ECPEGAGGLP PPQRTQRSTE ILQDLTDRNI SDFLVKTYPA LIRSSLKSKF
WVNEQRYGGI SIGGKLPVVP ITGEALVGFL SDLGRIMNVS GGPITREASK
EIPDFLKHLE TEDNIKVWFN NKGWHALVSF LNVAHNAILR ASLPKDRSPE
EYGITVISQP LNLTKEQLSE ITVLTTSVDA VVAICVIFSM SFVPASFVLY
LIQERVNKSK HLQFISGVSP TTYWVTN

[IDENTIFICATION]

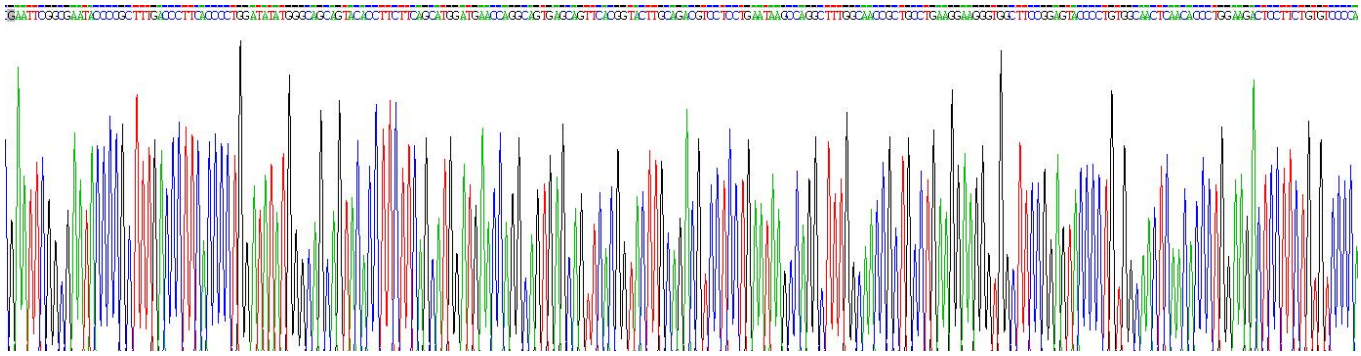
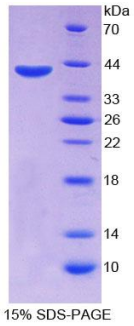


Figure . Gene Sequencing (extract)



15% 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.