RPG946Hu01 100µg

Recombinant Ubiquilin 4 (UBQLN4)

Organism Species: *Homo sapiens (Human)*

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~Ser601

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm, Chromosome

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: 4.9

Predicted Molecular Mass: 67.6kDa

Accurate Molecular Mass: 69kDa 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 2-8ºC 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]

MAEPSGAETR PPIRVTVKTP KDKEEIVICD RASVKEFKEE ISRRFKAQQD
QLVLIFAGKI LKDGDTLNQH GIKDGLTVHL VIKTPQKAQD PAAATASSPS
TPDPASAPST TPASPATPAQ PSTSGSASSD AGSGSRRSSG GGPSPGAGEG
SPSATASILS GFGGILGLGS LGLGSANFME LQQQMQRQLM SNPEMLSQIM
ENPLVQDMMS NPDLMRHMIM ANPQMQQLME RNPEISHMLN NPELMRQTME
LARNPAMMQE MMRNQDRALS NLESIPGGYN ALRRMYTDIQ EPMFSAAREQ
FGNNPFSSLA GNSDSSSSQP LRTENREPLP NPWSPSPPTS QAPGSGGEGT
GGSGTSQVHP TVSNPFGINA ASLGSGMFNS PEMQALLQQI SENPQLMQNV
ISAPYMRSMM QTLAQNPDFA AQMMVNVPLF AGNPQLQEQL RLQLPVFLQQ
MQNPESLSIL TNPRAMQALL QIQQGLQTLQ TEAPGLVPSL GSFGISRTPA
PSAGSNAGST PEAPTSSPAT PATSSPTGAS SAQQQLMQQM IQLLAGSGNS
QVQTPEVRFQ QQLEQLNSMG FINREANLQA LIATGGDINA AIERLLGSQL
S

[IDENTIFICATION]

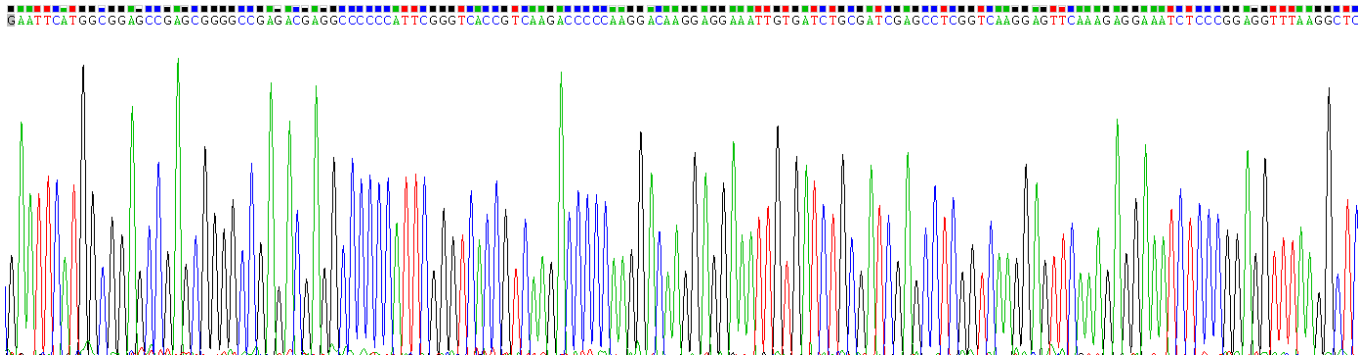

Figure . Gene Sequencing (extract)

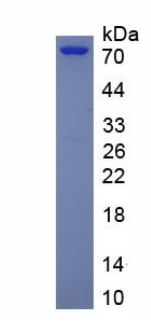

Figure. SDS-PAGE

[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.