

RPA119Hu02 10µg

Recombinant Cluster Of Differentiation 40 Ligand (CD40L)

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: Arg48~Pro244

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 400µg/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: 7.2

Predicted Molecular Mass: 23.5kDa

Accurate Molecular Mass: 26kDa 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 2-8°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]

RRL

DKIEDERNLH EDFVFMKTIQ RCNTGERSLS LLNCEEIKSQ FEGFVKDIML
 NKEETKENS FEMQKGDQNP QIAAHVISEA SSKTTSVLQW AEKGYYTMSN
 NLVTLENGKQ LTVKRQGLYY IYAQVTFC SN REASSQAPFI ASLCLKSPGR
 FERILLRAAN THSSAKPCGQ QSIHLGGVFE LQPGASVFN VTDP

[IDENTIFICATION]

G A A T T C A G A A G G T T G G A C A A G A T A G A A G A T G A A A G G A A T C T T C A T G A A G A T T T T G T A T T C A T G A A A A C G A T A C A G A G A T G C A A C A C A G G A G A A A G A T C C T T A T C C T T A C T G A A C T G T G A G G A G A T T A A A G C C A G T T T G A A G G C T T

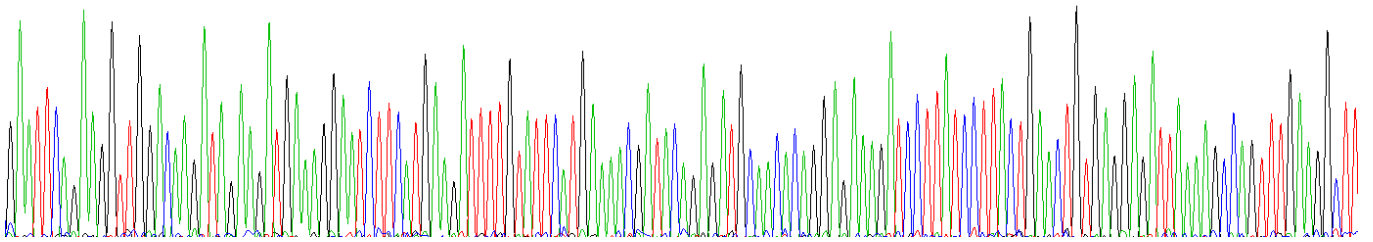


Figure . Gene Sequencing (extract)

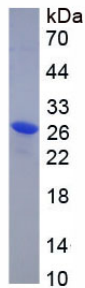


Figure. SDS-PAGE

[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.