

RPB230Hu01 10µg

Recombinant Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4)

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: Gly52~Cys211

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: 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: 5.9

Predicted Molecular Mass: 21.2kDa

Accurate Molecular Mass: 22kDa 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]

GIASFVCEY ASPGKATEVR VTVLRQADSQ VTEVCAATYM MGNELTFLDD
SICTGTSSGN QVNLTIQGLR AMDTGLYICK VELMYPPPPY LGIGNGTQIY
VIDPEPCPDS DFLLWILAAV SSGLEFFYSFL LTAVSLSKML KKRSPLETTGV
YVKMPPEPE C

[IDENTIFICATION]

G A T A A T G C T T T G G G G A T C T C C A A G C C T G C G C C G G G G C T C C C C T G A G A G C T G A G T G G C C A C T A G A T G C C A G T G T G C T C T G A G T T C A T C C C C C C T C T G G A T A G A C T C A T C A G C G C C C A T G A C C C G C T A C A C A G C G T G C T A T G A C C A T C A
 G I A S F V C E Y A S P G K A T E V R V T V L R Q A D S Q V T E V C A A T Y H M G N E L T F L D D S I C T G T S S G N Q V N L T I Q G L R A N D T G L Y I C K V E L M Y P P P Y Y

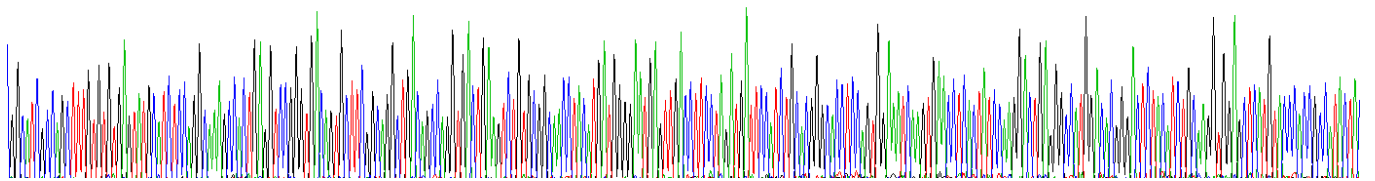
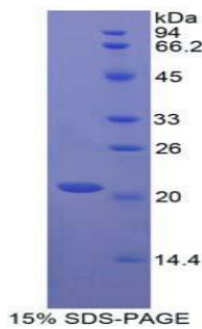


Figure. Gene Sequencing (Extract)



[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.