

RPB547Hu01 10µg Recombinant Indoleamine-2,3-Dioxygenase (IDO) Organism Species: *Homo sapiens (Human)* Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

# Coud-Clone Corp.

## [PROPERTIES]

Source: Prokaryotic expression Host: *E.coli* Residues: Ala2~Gly403 Tags: N-terminal His Tag Subcellular Location: Secreted Purity: > 97% Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose . Original Concentration: 500µg/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: 6.8

Predicted Molecular Mass: 46.7kDa

Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.

#### [<u>USAGE</u>]

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]

## Con <u>Cloud-Clone Corp</u>.

AHAMENSWT ISKEYHIDEE VGFALPNPQE NLPDFYNDWM FIAKHLPDLI ESGQLRERVE KLNMLSIDHL TDHKSQRLAR LVLGCITMAY VWGKGHGDVR KVLPRNIAVP YCQLSKKLEL PPILVYADCV LANWKKKDPN KPLTYENMDV LFSFRDGDCS KGFFLVSLLV EIAAASAIKV IPTVFKAMQM QERDTLLKAL LEIASCLEKA LQVFHQIHDH VNPKAFFSVL RIYLSGWKGN PQLSDGLVYE GFWEDPKEFA GGSAGQSSVF QCFDVLLGIQ QTAGGGHAAQ FLQDMRRYMP PAHRNFLCSL ESNPSVREFV LSKGDAGLRE AYDACVKALV SLRSYHLQIV TKYILIPASQ QPKENKTSED PSKLEAKGTG GTDLMNFLKT VRSTTEKSLL KEG

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Figure . Gene Sequencing (extract)

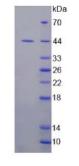


Figure. SDS-PAGE

## [<u>IMPORTANT NOTE</u>]

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.