

RPC225Hu01 50µg

**Recombinant Atrophin 1 (ATN1)** 

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: Asp879~Leu1190

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm

**Purity:** > 97%

Traits: Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, 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: 6.7

Predicted Molecular Mass: 38.2kDa

**Accurate Molecular Mass:** 38kDa 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.

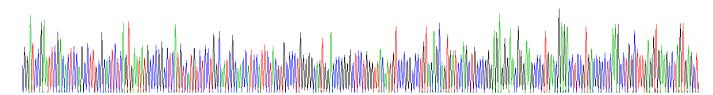
Aliquot and store at -80°C for 12 months.

**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 ]

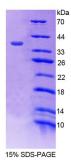
|            |            | DT         | PALRTLSEYA | RPHVMSPGNR |
|------------|------------|------------|------------|------------|
| NHPFYVPLGA | VDPGLLGYNV | PALYSSDPAA | REREREARER | DLRDRLKPGF |
| EVKPSELEPL | HGVPGPGLDP | FPRHGGLALQ | PGPPGLHPFP | FHPSLGPLER |
| ERLALAAGPA | LRPDMSYAER | LAAERQHAER | VAALGNDPLA | RLQMLNVTPH |
| HHQHSHIHSH | LHLHQQDAIH | AASASVHPLI | DPLASGSHLT | RIPYPAGTLP |
| NPLLPHPLHE | NEVLRHQLFA | APYRDLPASL | SAPMSAAHQL | QAMHAQSAEL |
| QRLALEQQQW | LHAHHPLHSV | PLPAQEDYYS | HLKKESDKPL |            |

## [ IDENTIFICATION ]



CATICATUS OF THE ATTURGENT OF THE STATE OF T

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.