

RPC236Hu01 200µg

Recombinant Actinin Alpha 1 (ACTN1)

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: Ala28~Asn260

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane

**Purity:** > 95%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, 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: 8.4

Predicted Molecular Mass: 30.1kDa

Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.

### [USAGE]

Reconstitute in ddH<sub>2</sub>O 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.

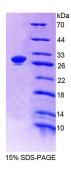
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### [ SEQUENCE ]



AWE KQQRKTFTAW CNSHLRKAGT QIENIEEDFR DGLKLMLLE VISGERLAKP ERGKMRVHKI SNVNKALDFI ASKGVKLVSI GAEEIVDGNV KMTLGMIWTI ILRFAIQDIS VEETSAKEGL LLWCQRKTAP YKNVNIQNFH ISWKDGLGFC ALIHRHRPEL IDYGKLRKDD PLTNLNTAFD VAEKYLDIPK MLDAEDIVGT ARPDEKAIMT YVSSFYHAFS GAQKAETAAN

## [ IDENTIFICATION ]



# [ 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.