

**RPG888Ra01 100ug**

**Recombinant Ankyrin Repeat Domain Protein 1 (ANKRD1)**

**Organism Species: *Rattus norvegicus* (Rat)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Arg5~Asn279

**Tags:** N-terminal His and GST Tag

**Subcellular Location:** Nucleus

**Purity:** > 90%

**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:** 7.7

**Predicted Molecular Mass:** 61.1kDa

**Accurate Molecular Mass:** 61kDa 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.

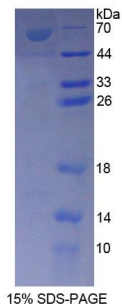
Aliquot and store at -80°C for 12 months.

**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 ]**

RVEELV TGKKNSNGSS GEFLPGEFRN GEYEA VALE KQEDLKTLP A  
NSVNLGEEQR KSEK VREAEL KKKKLEQ RSK LENLEDLEII VQLKRRK KYK  
KTKVPVVKEP EPEIITEPVD VPRFLKAALE NKLPVVEKFL SDKNSPDVCD  
EYKRTALHRA CLEGH LAIVE KLMEAG AQIE FRDMLESTAI HWACRGGNLD  
VLKLLL NKGA KISARDK LLS TALHVAVRTG HYECAEHLIA CEADLNAKDR  
EGDTPLHDAV RLNR YKMIRL LMTFGADLN

**[ 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.