

**RPB633Hu01 50µg**

**Recombinant Ankyrin 1, Erythrocytic (ANK1)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Leu32~Leu369

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Cytoplasm

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 100µg/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:** 7.5

**Predicted Molecular Mass:** 39.7kDa

**Accurate Molecular Mass:** 40kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

Reconstitute in ddH<sub>2</sub>O to a concentration of 0-0.5 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

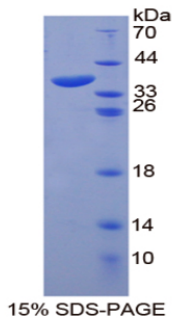
Aliquot and store at -80°C for 12 months.

**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 ]**

			LRNGVDINT	CNQNGNLGLH
LASKEGHVKM	VVELLHKEII	LETTTKKGNT	ALHIAALAGQ	DEVVRELVNY
GANVNAQSQK	GFTPLYMAAQ	ENHLEVVKFL	LENGANQNVA	TEDGFTPLAV
ALQQGHENVV	AHLINYGTKG	KVRLPALHIA	ARNDDTRTAA	VLLQNDPNPD
VLSKTGFTPL	HIAAHYENLN	VAQLLLNRGA	SVNFTPQNGI	TPLHIASRRG
NVIMVRLLLD	RGAQIETKTK	DELTPLHCAA	RNGHVRISEI	LLDHGAPIQA
KTKNGLSPIH	MAAQGDHLC	VRLLLYDAE	IDDITLDHLT	PLHVAAHCGH
HRVAKVLLDK	GAKPNSRAL			

**[ 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.