

Recombinant Ankyrin 1, Erythrocytic (ANK1) Instruction Manual

SIPB156Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Membrane, Cytoplasm
Predicted Molecular Mass	39.7kDa
Accurate Molecular Mass	40kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu32~Leu369 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	7.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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LRNGVDINT CNQNGNLGLH
LASKEGHVKM VVELLHKEII LETTTKKGNT ALHIAALAGQ DEVVRELVNY
GANVNAQSQK GFTPLYMAAQ ENHLEVVKFL LENGANQVA TEDGFTPLAV
ALQQGHENVV AHLINYGTKG KVRLPALHIA ARNDDTRTAA VLLQNDPNPD
VLSKTGFTPL HIAAHYENLN VAQLLLNRGA SVNFTPQNGI TPLHIASRRG
NVIMVRLLLD RGAQIETKTK DELTPLHCAA RNGHVRISEI LLDHGAPIQA
KTKNGLSPIH MAAQGDHLC VRLLLQYDAE IDDTLDHLT PLHVAHCCH
HRVAKVLLDK GAKPNSRAL
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

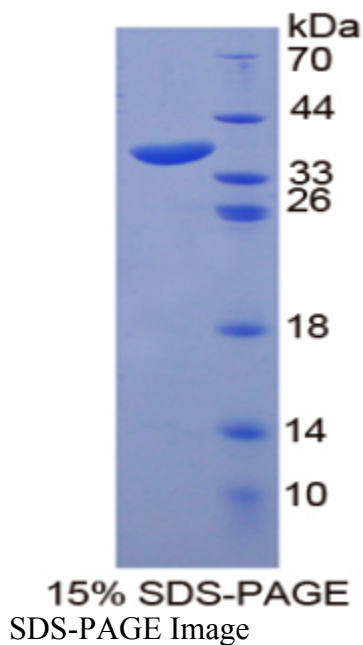
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



[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.