

Ankyrin 1 Recombinant Protein | ANK1 recombinant protein

Recombinant Ankyrin 1, Erythrocytic (ANK1)

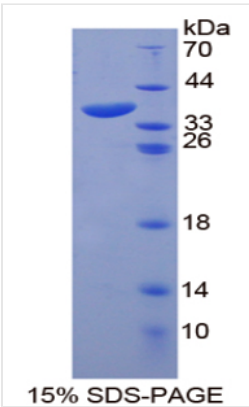
CATALOG # AAA144182	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Ankyrin 1; Recombinant Ankyrin 1; Erythrocytic (ANK1); ANK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100?g/mL (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-L RNGVDINTCN QNGLNGLHLA SKEGHVKMVV ELLHKEIILE TTTKKGNTAL HIAALAGQDE VVRELVNYGA NVNAQSQKGF TPLYMAAQEN HLEVVKFLL NGANQNVATE DGFTPLAVAL QQGHENVVAH LINYGTKGKV RLPALHIAAR NDDTRTA AVL LQNDPNPDVL SKTGFTPLHI AAHYENLNVA QLLNLRGASV NFTPQNGITP LHIASRRGNV IMVRLLLDRG AQIETKTKDE LTPLHCAARN GHVRISEILL DHGAPIQAKT KNGLSPIHMA AQGDHLDCVR LLLQYDAEID DITLDHLTPL HVAAHCGHHR VAKVLLDKGA KPNSRAL
Applicable Applications for ANK1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu32~Leu369
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.5
Usage	Reconstitute in ddH ₂ O to a concentration of 0-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	70780359
NCBI GeneID	286
NCBI Accession #	NP_065209.2
NCBI GenBank Nucleotide #	NM_020476.2
Molecular Weight	Predicted Molecular Mass: 39.7kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	ankyrin-1 isoform 1
NCBI Official Synonym Full Names	ankyrin 1, erythrocytic
NCBI Official Symbol	ANK1
NCBI Official Synonym Symbols	ANK; SPH1; SPH2
NCBI Protein Information	ankyrin-1
UniProt Protein Name	Ankyrin-1
UniProt Gene Name	ANK1
UniProt Synonym Gene Names	ANK; ANK-1
UniProt Entry Name	ANK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.