

Recombinant Human ANK1 protein, His & T7-tagged

Cat. No. ANK1-1730H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human ANK1 aa. (Leu32~Leu369 (Accession # P16157)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Leu32~Leu369 |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 40.5kDa |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 7.5. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[ANK1 ankyrin 1 \[Homo sapiens \(human\) \]](#)

Official Symbol

[ANK1](#)

Synonyms

ANK1; ankyrin 1; ANK; SPH1; SPH2; ankyrin-1; ANK-1; ankyrin 1, erythrocytic; ankyrin-R; erythrocyte ankyrin

Gene ID

[286](#)

mRNA Refseq

[NM_000037.3](#)

Protein Refseq

[NP_000028.3](#)

UniProt ID

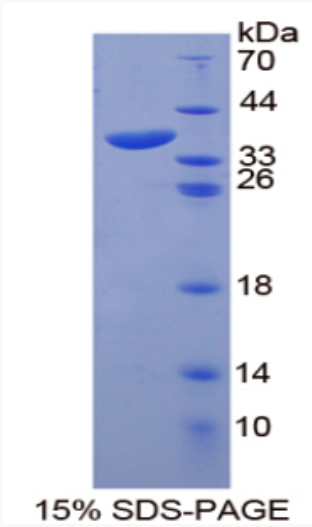
[P16157](#)

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SDS-PAGE



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