

# Recombinant Human TNKS1BP1 Protein, His-tagged

**Cat. No.** TNKS1BP1-461H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TNKS1BP1 Protein (Met1-Pro240) with N-His tag was expressed in E. coli.                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met1-Pro240                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Enables ankyrin repeat binding activity and enzyme binding activity. Involved in cellular response to ionizing radiation; double-strand break repair; and positive regulation of protein phosphorylation. Located in several cellular components, including actin cytoskeleton; adherens junction; and heterochromatin. Part of CCR4-NOT complex. |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 29.4 kDa<br>Accurate Molecular Mass: 22 kDa                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 80%                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                        |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by                                                                                                                                                                                                                                                              |

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

**Storage**

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

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

TNKS1BP1 tankyrase 1 binding protein 1, 182kDa [ Homo sapiens (human) ]

**Official Symbol**

TNKS1BP1

**Synonyms**

TNKS1BP1; tankyrase 1 binding protein 1, 182kDa; 182 kDa tankyrase-1-binding protein; FLJ45975; KIAA1741; TAB182; tankyrase 1-binding protein of 182 kDa

**Gene ID**

85456

**mRNA Refseq**

NM\_033396

**Protein Refseq**

NP\_203754

**MIM**

607104

**UniProt ID**

Q9C0C2

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