

## Recombinant Human TNKS

**Cat. No.** TNKS-31498TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment of Human Tankyrase with a proprietary tag: predicted molecular weight 37.51 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	108 amino acids
<b>Description</b>	Tankyrase-1 is an enzyme that in humans is encoded by the TNKS gene.
<b>Molecular Weight</b>	37.510kDa inclusive of tags
<b>Tissue specificity</b>	Ubiquitous; highest levels in testis.
<b>Biological activity</b>	This product is useful for Antibody Production and Protein Array
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione Note: Glutathione is reduced
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Sequences of amino acids** TERKEGEVAGLDMNISQFLKSLGLEHLRDIFETEQITLDVLADMGHEELKEIGINAYG HRHKLKIGVERLLGGQQGTNPYLTFHCVNQGTTILLDLAPEDKEYQSVEEE

**Sequence Similarities** Contains 15 ANK repeats.Contains 1 PARP catalytic domain.Contains 1 SAM (sterile alpha motif) domain.

## GENE INFORMATION

**Gene Name** [TNKS tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase \[ Homo sapiens \]](#)

**Official Symbol** [TNKS](#)

**Synonyms** TNKS; tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase; tankyrase-1; PARP 5a; PARP5A; pART5; TIN1; TINF1; TNKS1;

**Gene ID** [8658](#)

**mRNA Refseq** [NM\\_003747](#)

**Protein Refseq** [NP\\_003738](#)

**MIM** [603303](#)

**Uniprot ID** [O95271](#)

**Chromosome Location** 8p23.1

**Pathway** Regulation of Telomerase, organism-specific biosystem;

**Function** NAD+ ADP-ribosyltransferase activity; protein binding; transferase activity,

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transferring glycosyl groups; zinc ion binding;

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