

Recombinant Human TNKS

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

SPECIFICATION

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

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Sequences of amino acids	TERKEGEVAGLDMNISQFLKSLGLEHLRDIFETEQITLDVLADMGHEELKEIGINAYG HRHKLIGVERLLGGQQGTNPYLTFHCVNQGTILLDLAPEDKEYQSVEEE
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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