Recombinant Human TNKS Protein, His-tagged

Cat. No. TNKS-459H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNKS Protein (Gly1105-Thr1327) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly1105-Thr1327
Description	Enables histone binding activity; pentosyltransferase activity; and zinc ion binding activity. Involved in several processes, including negative regulation of maintenance of mitotic sister chromatid cohesion, telomeric; protein ADP-ribosylation; and regulation of nucleobase-containing compound metabolic process. Acts upstream of or within peptidyl-serine phosphorylation; peptidyl-threonine phosphorylation; and protein ADP-ribosylation. Located in several cellular components, including chromosome, telomeric region; mitotic spindle pole; and nucleus.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.7 kDa Accurate Molecular Mass: 32 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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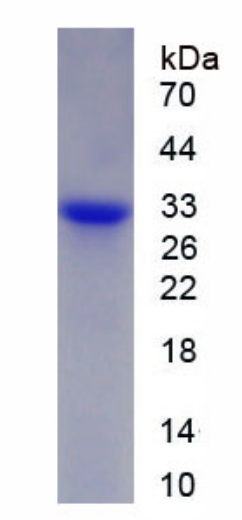
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration 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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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	TNKS tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase [Homo sapiens (human)]
Official Symbol	TNKS
Synonyms	TNKS; tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase; tankyrase-1; PARP 5a; PARP5A; pART5; TIN1; TINF1; TNKS1; TANK1; TNKS-1; tankyrase I; poly [ADP-ribose] polymerase 5A; TRF1-interacting ankyrin-related ADP-ribose polymerase; PARPL; PARP-5a
Gene ID	8658
mRNA Refseq	NM_003747
Protein Refseq	NP_003738

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MIM	603303
UniProt ID	O95271



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