

Recombinant Mouse Tnks1bp1 Protein, His-tagged

Cat. No. Tnks1bp1-460M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnks1bp1 Protein (Met1-Pro248) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Pro248
Description	Predicted to enable ankyrin repeat binding activity and enzyme binding activity. Predicted to be involved in cellular response to ionizing radiation; double-strand break repair; and positive regulation of protein phosphorylation. Predicted to be located in several cellular components, including actin cytoskeleton; adherens junction; and plasma membrane. Predicted to be part of CCR4-NOT complex. Predicted to be active in heterochromatin and nucleus. Orthologous to human TNKS1BP1 (tankyrase 1 binding protein 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.1 kDa Accurate Molecular Mass: 40 kDa
Purity	> 90%
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	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 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Tnks1bp1
Synonyms	TNKS1BP1; tankyrase 1 binding protein 1; 182 kDa tankyrase-1-binding protein; Tab182; mKIAA1741
Gene ID	228140
mRNA Refseq	NM_001081260
Protein Refseq	NP_001074729
UniProt ID	P58871

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