Recombinant Human MKI67 Protein, His-tagged

Cat. No. MKI67-2447H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MKI67 Protein (Thr2720-Ile3256) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr2720-Ile3256
Description	This gene encodes a nuclear protein that is associated with and may be necessary for cellular proliferation. Alternatively spliced transcript variants have been described. A related pseudogene exists on chromosome X.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 64.8 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

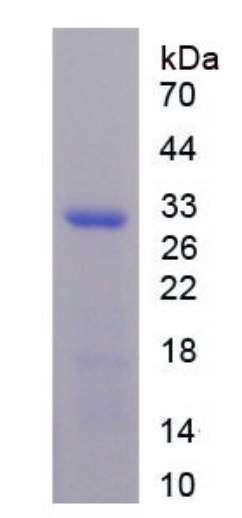
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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MKI67 antigen identified by monoclonal antibody Ki-67 [Homo sapiens (human)]
Official Symbol	MKI67
Synonyms	MKI67; antigen identified; antigen KI-67; proliferation-related Ki-67 antigen; KIA;
Gene ID	4288
mRNA Refseq	NM_001145966
Protein Refseq	NP_001139438
MIM	176741
UniProt ID	P46013

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