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Datasheet for ABIN7319988

Ki-67 Protein

Overview

Quantity:	100 µg
Target:	Ki-67 (MKI67)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human MKI67 Protein
Sequence:	Met1-Pro120
Characteristics:	A DNA sequence encoding the Human MKI67 Protein(P46013)(1-120)was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Ki-67 (MKI67)
Alternative Name:	MKI67 (MKI67 Products)
Background:	<p>Background: Prevents chromosomes from collapsing into a single chromatin mass by forming a steric and electrostatic charge barrier: the protein has a high net electrical charge and acts as a surfactant, dispersing chromosomes and enabling independent chromosome motility (PubMed:27362226)</p> <p>Synonym: Proliferation marker protein Ki-67,Antigen identified by monoclonal antibody Ki-</p>

Target Details

	67, Antigen KI-67, Antigen Ki67,
Molecular Weight:	13.8 kDa
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.5, 5 % trehalose, 5 % mannitol, 0.01 % tween-80.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.