

Recombinant Human MKI67 Protein

Catalog Number:PDEH100081



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Proliferation marker protein Ki-67;Antigen identified by monoclonal antibody Ki-67;Antigen KI-67;Antigen Ki67;
Species	Human
Expression Host	E.coli
Sequence	Met1-Pro120
Accession	P46013
Calculated Molecular Weight	13.8 kDa
Observed molecular weight	14 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Reconstitution	Please refer to the specific buffer information in the print Please refer to the printed manual for detailed information.

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)

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