Product Name: Recombinant Human MKI67 (N-GST)
Catalog #: PEH2353

Summary

Name	Ki67/MKI67/Proliferation Marker Protein Ki-67
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Proliferation Marker Protein Ki-67 is produced by our E.coli expression system and the target gene encoding Met1-Pro120 is expressed with a GST tag at the N-terminus.
Accession #	P46013
Host	E.coli
Species	Human
Predicted Molecular Mass	40.1 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 8% Sucrose, 0.05% Tween 80, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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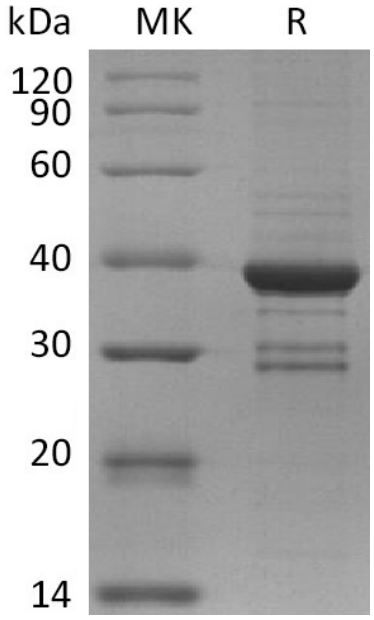

Alternative Names

Antigen Ki67; antigen KI-67; Ki67; Ki-67; KIA; MIB-; MIB-1; MKI67; PPP1R105

Background

MKI67 also also known as Ki67, is a 350-400 kDa nuclear protein that belongs to a molecular group comprised of mitotic chromosome-associated proteins. MKI67 contains 1 FHA domain and plays a key role in cell proliferation. MKI67 is contextually expressed, being potentially found in all cells that are not in the Go phase of the cell cycle. Thus, MKI67 qualifies as a cell proliferation marker. It is also associated with ribosomal RNA transcription. Inactivation of antigen MKI67 leads to inhibition of ribosomal RNA synthesis.

Note

For Research Use Only , Not for Diagnostic Use.