

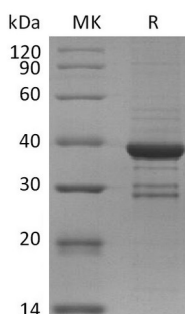
**Product Name: Recombinant Human MKI67 (N-GST)**  
**Catalog #: PEH2353**



## Summary

|                                 |  |
|---------------------------------|--|
| <b>Name</b>                     | Ki67/MKI67/Proliferation Marker Protein Ki-67  |
| <b>Purity</b>                   | Greater than 95% as determined by reducing SDS-PAGE  |
| <b>Endotoxin level</b>          | <1 EU/μg as determined by LAL test.  |
| <b>Construction</b>             | 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.   |
| <b>Accession #</b>              | P46013   |
| <b>Host</b>                     | E.coli   |
| <b>Species</b>                  | Human  |
| <b>Predicted Molecular Mass</b> | 40.1 KDa   |
| <b>Formulation</b>              | Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 8% Sucrose, 0.05% Tween 80, pH 8.0.  |
| <b>Shipping</b>                 | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.   |
| <b>Stability&amp;Storage</b>    | 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.   |
| <b>Reconstitution</b>           | 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 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 G<sub>0</sub> 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.