



Recombinant Human MKI67 Protein Product Manual

1. Product Basic Information

Product No.: REP07461

Protein Name: Antigen Ki67 (MKI67)

Aliases: KIA; MIB-; MIB-PPP1R105; antigen Ki67; marker of proliferation Ki-67; proliferation marker protein Ki-67; proliferation-related Ki-67 antigen; antigen identified by monoclonal antibody Ki-67

UniProt ID: P46013

UniProt Link: <https://www.uniprot.org/uniprotkb/P46013/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (2891-3256aa)

Molecular Weight: 56.6kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (2891-3256aa)

RKLDAEDVIGSRRQPRAPKEKAQPLEDLASFQELSQTTPGHTEELANGAADSFTSAP
KQTPDSGKPLKISRRVLRAPKVEPVGDVSTRDPVKSQSKSNTSLPPLPFKRGGGK
DGSVTGTRKRLRCMPAPEEIVEELPASKKQRVAPRARGKSSEPVVIMKRSLRTSAKRI
EPAEELNSNDMKTNKEEHKLQDSVPENKGISLRSRRQNKTEAEQQITEVFVLAERIE
INRNEKKPMKTSPEMDIQNPDDGARKPIPRDKVTENKRCLRSARQNESSQPKVAEE
SGGQKSAKVLQMKNQKKGKGEAGNSDSMCLRSRKTQSQPAASTLESKSVQRVTRSV
KRCAENPKKAEDNVCVKKIRTRSHRDEDI

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human MKI67 partial protein (2891-3256aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. MKI67, also known as KIA or MIB- or MIB-PPP1R105, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.