

PRODUCT INFORMATION

KI67 **Target**

Synonyms KIA; MIB-; MIB-1; PPP1R105; MKI67

Recombinant human KI67(1206-1238) Protein **Description**

with C-terminal human Fc tag

Delivery In Stock **Uniprot ID** P46013 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Background

KI67(Gly1206-Glu1238) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

29.8 kDa after removal of the signal peptide. The apparent molecular mass of KI67(1206-1238)-hFc **Molecular Weight** is approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Enables protein C-terminus binding activity. Involved in regulation of chromosome segregation and regulation of mitotic nuclear division. Located in chromosome; nuclear body;

and nucleolus. Colocalizes with condensed chromosome. Implicated in Crohn's disease; breast cancer; human immunodeficiency virus infectious disease; and pancreatic cancer.

Biomarker of several diseases, including Barrett's

esophagus; autoimmune disease of

musculoskeletal system (multiple); endocrine gland cancer (multiple); gastrointestinal system cancer (multiple); and interstitial cystitis.

[provided by Alliance of Genome Resources, Apr

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Usage Research use only

Conjugate Unconjugated



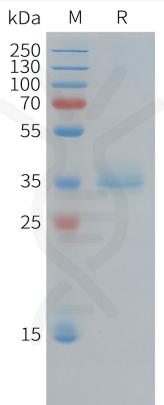


Figure 1. Human KI67(1206-1238) Protein, hFc Tag on SDS-PAGE under reducing condition.



