

## 32-18244: Human KI67(1206-1238) Protein, hFc Tag

**Uniprot ID :** P46013

**Alternative Name :** KIA; MIB-; MIB-1; PPP1R105; MKI67

### Description

Description :Recombinant human KI67(1206-1238) Protein with C-terminal human Fc tag

Background: 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 2022]

Description: Recombinant human KI67(1206-1238) Protein with C-terminal human Fc tag

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

Molecular Weight :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 is approximately 35-55 kDa due to glycosylation.

Tag :C-Human Fc tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

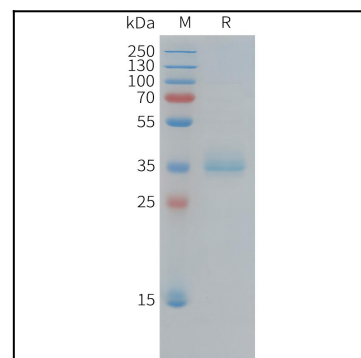


Figure 1. Human KI67(1206-1238) Protein, hFc Tag on SDS-PAGE under reducing condition.