PRODUCT INFORMATION

Target	KI67
Synonyms	KIA; MIB-; MIB-1; PPP1R105; MKI67
Description	Recombinant human KI67(1206-1238) Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P46013
Expression Host	HEK293
Tag	C-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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
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]
Usage	Research use only
Conjugate	Unconjugated

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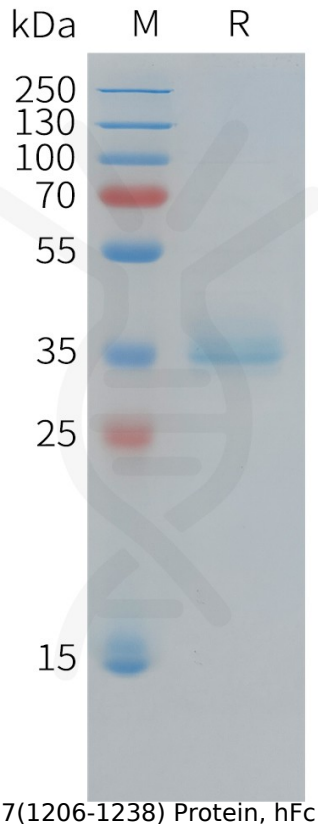


Figure 1. Human KI67(1206-1238) Protein, hFc Tag on SDS-PAGE under reducing condition.

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