

Recombinant Rabbit IgG protein, His-tagged

Cat. No. IgG-433R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit IgG aa. (Met1~Cys238) fused with His tag was produced in HEK293F cells.
Species	Rabbit
Source	HEK293
ProteinLength	Met1~Cys238
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.0kDa; Accurate Molecular Mass: 25/55kDa as determined by SDS-PAGE reducing conditions. Rabbit IgG consists of 1455 amino acids and has a predicted molecular mass of 160 kDa. As a result of disulfide bond, the apparent molecular mass of IgG is approximately two lines 55kDa heavy chain and two lines 25kDa light chain in SDS-PAGE under reducing conditions
Endotoxin	<1.0EU per 1µg (determined by the LAL method)
Purity	> 95%
Characteristic	Isoelectric point is 4.8.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex
SDS-PAGE	