

Recombinant Human IgA1 Protein, His-tagged

Cat. No. IgA1-2693H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IgA1 Protein (DYKDDDDK+Ala1-Tyr353) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	DYKDDDDK+Ala1-Tyr353
Description	Immunoglobulins, also known as antibodies, are glycoprotein molecules produced by plasma cells (white blood cells).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.4 kDa Accurate Molecular Mass: 44 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

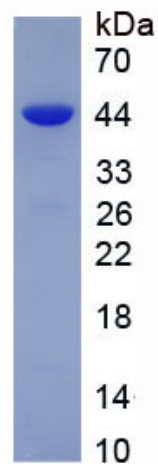
Storage Buffer 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

GENE INFORMATION

Official Symbol [IgA1](#)

Synonyms IGHA1; Immunoglobulin heavy constant alpha 1; Ig alpha-1 chain C region



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