

## Recombinant Human APOA2 protein, His & GST-tagged

**Cat. No.** APOA2-2642H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human APOA2 aa. (Gln24~Gln100 (Accession # P02652)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln24~Gln100
<b>Description</b>	This gene encodes apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 40.7kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 5.9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
<b>Reconstitution</b>	Reconstitute in sterile ddH <sub>2</sub> O.

## GENE INFORMATION

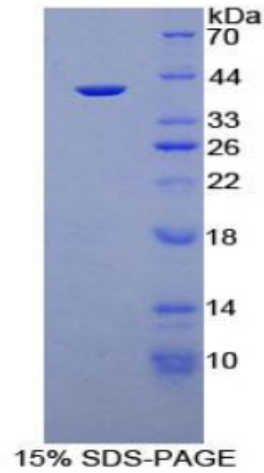
<b>Gene Name</b>	<a href="#">APOA2 apolipoprotein A2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">APOA2</a>
<b>Synonyms</b>	APOA2; apolipoprotein A2; apoAII; Apo-AII; ApoA-II; apolipoprotein A-II
<b>Gene ID</b>	<a href="#">336</a>
<b>mRNA Refseq</b>	<a href="#">NM_001643.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001634.1</a>
<b>UniProt ID</b>	<a href="#">P02652</a>

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SDS-PAGE



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