

Recombinant Human APOA2 protein, His & GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human APOA2 aa. (Gln24~Gln100 (Accession # P02652)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln24~Gln100
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

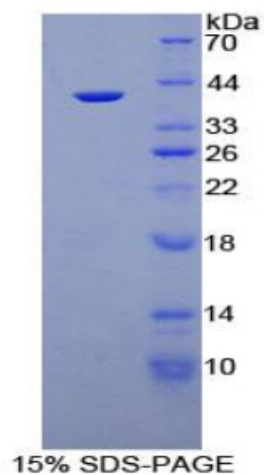
Gene Name	APOA2 apolipoprotein A2 [Homo sapiens (human)]
Official Symbol	APOA2
Synonyms	APOA2; apolipoprotein A2; apoAII; Apo-AII; ApoA-II; apolipoprotein A-II
Gene ID	336
mRNA Refseq	NM_001643.1
Protein Refseq	NP_001634.1
UniProt ID	P02652

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SDS-PAGE



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