

Recombinant Human APOF protein, His & T7-tagged

Cat. No. APOF-1923H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOF aa. (Val122~Trp307 (Accession # Q13790)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val122~Trp307
Description	The product of this gene is one of the minor apolipoproteins found in plasma. This protein forms complexes with lipoproteins and may be involved in transport and/or esterification of cholesterol.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.0kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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 PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	APOF apolipoprotein F [Homo sapiens (human)]
Official Symbol	APOF
Synonyms	Myh6; myosin heavy chain 6; Myhca; myosin-6; myHC-alpha; myosin heavy chain polypeptide 6 cardiac muscle adult; myosin heavy chain, cardiac muscle alpha isoform; myosin heavy chain, polypeptide 6, cardiac muscle, alpha; myosin, heavy chain 6, cardiac muscle, alpha; myosin, heavy polypeptide 6, cardiac muscle, alpha
Gene ID	319
mRNA Refseq	NM_001638.2
Protein Refseq	NP_001629.1

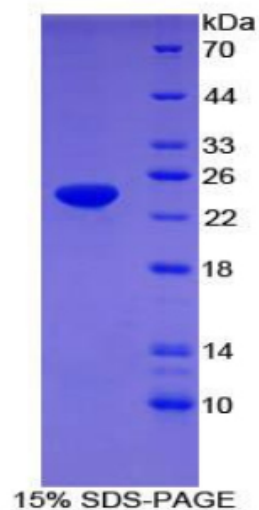
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UniProt ID

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SDS-PAGE

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