Recombinant Pig APOA1 Protein, His-tagged

Cat. No. APOA1-205P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig APOA1 Protein (Asp25-Gln265) with N-His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Asp25-Gln265
Description	Participates in the reverse transport of cholesterol from tissues to the liver for excretion by promoting cholesterol efflux from tissues and by acting as a cofactor for the lecithin cholesterol acyltransferase (LCAT). As part of the SPAP complex, activates spermatozoa motility.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.23 kDa Accurate Molecular Mass: 31&70 kDa
Purity	> 95%
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

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	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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	APOA1 apolipoprotein A-I [Sus scrofa (pig)]
Official Symbol	APOA1
Synonyms	APOA1; apolipoprotein A-I; apo-AI; apoA-I; apolipoprotein A1
Gene ID	397691
mRNA Refseq	NM_214398
Protein Refseq	NP_999563
UniProt ID	P18648

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