

Recombinant Dog APOA2 Protein, His&GST-tagged

Cat. No. APOA2-208D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog APOA2 Protein (Gln24-Gln100) with N-His&GST tag was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	Gln24-Gln100
Description	May stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.7 kDa Accurate Molecular Mass: 42 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	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	APOA2 apolipoprotein A2 [Canis lupus familiaris (dog)]
Official Symbol	APOA2
Synonyms	APOA2; apolipoprotein A2; Apo-AII; ApoA-II; apolipoprotein A-II
Gene ID	478982
mRNA Refseq	NM_001313799
Protein Refseq	NP_001300728
UniProt ID	E2RAK7

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