

## Recombinant Dog APOA2 Protein, His&GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Dog APOA2 Protein (Gln24-Gln100) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Dog
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln24-Gln100
<b>Description</b>	May stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 38.7 kDa Accurate Molecular Mass: 42 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<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 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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<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	APOA2 apolipoprotein A2 [ <i>Canis lupus familiaris</i> (dog) ]
<b>Official Symbol</b>	APOA2
<b>Synonyms</b>	APOA2; apolipoprotein A2; Apo-All; ApoA-II; apolipoprotein A-II
<b>Gene ID</b>	478982
<b>mRNA Refseq</b>	NM_001313799
<b>Protein Refseq</b>	NP_001300728
<b>UniProt ID</b>	E2RAK7

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