

Recombinant Dog APOE protein, His & T7-tagged

Cat. No. APOE-686D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog APOE aa. (Asp1~Val172 (Accession# P18649)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Asp1~Val172
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.1.
Applications	SDS-PAGE; WB; ELISA; IP
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.

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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% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	APOE apolipoprotein E [Canis lupus familiaris (dog)]
Official Symbol	APOE
Synonyms	APOE; Apo-E; apolipoprotein E; apolipoprotein E4
Gene ID	476438
mRNA Refseq	XM_005616460.2
Protein Refseq	XP_005616517.2
UniProt ID	P18649

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