Recombinant Dog PLA2G7 protein, His-tagged

Cat. No. PLA2G7-7852D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog PLA2G7 aa. (Ile22~Asp444 (Accession # Q28262)) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ile22~Asp444
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 50.0kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
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	PLA2G7 phospholipase A2 group VII [Canis lupus familiaris (dog)]
Official Symbol	PLA2G7
Synonyms	PLA2G7; platelet-activating factor acetylhydrolase; 1-alkyl-2-acetylglycerophosphocholine esterase; 2-acetyl-1-alkylglycerophosphocholine esterase; LDL-PLA(2); LDL-associated phospholipase A2; PAF 2-acylhydrolase; PAF acetylhydrolase; plasma PAF acetylhydrolase
Gene ID	403848
mRNA Refseq	NM_001003198.1
Protein Refseq	NP_001003198.1
UniProt ID	Q28262

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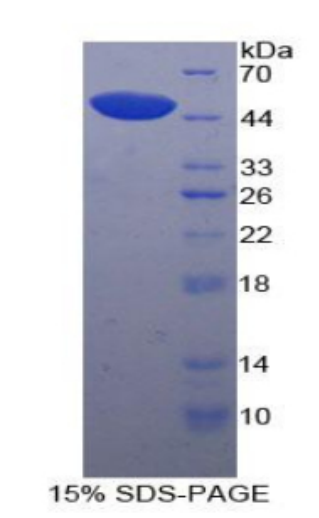
SDS-PAGE	 15% SDS-PAGE

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