Recombinant Dog LOC100049001 protein, His-tagged

Cat. No. LOC100049001-1459D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog LOC100049001 aa. (Thr151~Pro275) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Thr151~Pro275
Form	Freeze-dried powder
Molecular Mass	14kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	>98%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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

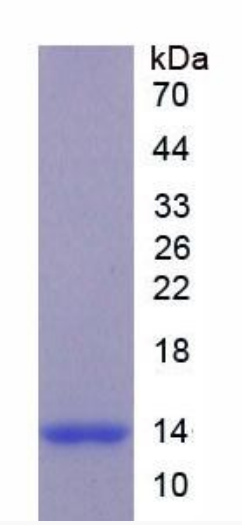
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	than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	LOC100049001 tryptase [Canis lupus familiaris (dog)]
Official Symbol	LOC100049001
Synonyms	tryptase
Gene ID	100049001
mRNA Refseq	NM_001097555.1
Protein Refseq	NP_001091024.1
UniProt ID	P15944

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SDS-PAGE	

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