

Recombinant Dog NPPB protein, His & GST-tagged

Cat. No. NPPB-2766D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog NPPB aa. (His18~Arg106 (Accession # P16859)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	His18~Arg106
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.3kDa
Endotoxin	<1.0EU per 1g (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

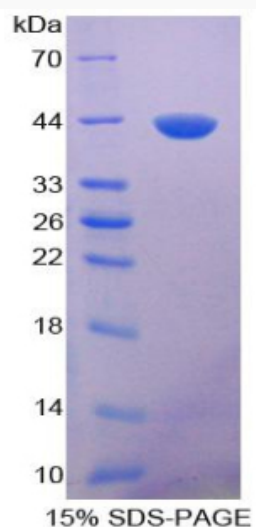
Gene Name	NPPB natriuretic peptide B [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	NPPB
Synonyms	BNP; Gamma-brain natriuretic peptide; Natriuretic peptides B; brain natriuretic peptide; natriuretic peptide precursor B; natriuretic peptides B
Gene ID	487441
mRNA Refseq	XM_014111456.1
Protein Refseq	XP_013966931.1
UniProt ID	P16859

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SDS-PAGE



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