

Recombinant Pig NPPB protein, His & GST-tagged

Cat. No. NPPB-2769P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Pig NPPB aa. (His26~Tyr131) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	His26~Tyr131
Form	Freeze-dried powder
Molecular Mass	41kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 7.2.
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 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.
Concentration	200µg/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

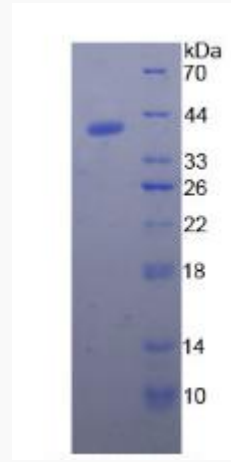
Gene Name	NPPB natriuretic peptide B [<i>Sus scrofa</i> (pig)]
Official Symbol	NPPB
Synonyms	BNP; BNP1; brain natriuretic peptide; gamma-brain natriuretic peptide; natriuretic peptides B
Gene ID	396844
mRNA Refseq	NM_213846.1
Protein Refseq	NP_999011.1
UniProt ID	P07634

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SDS-PAGE



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