

Recombinant Pig TNNT2 protein, His & T7-tagged

Cat. No. TNNT2-7951P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Pig TNNT2 aa. (Glu56~Thr271 (Accession # H8WGD7)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Glu56~Thr271
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less 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.

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

TNNT2 troponin T2, cardiac type [*Sus scrofa* (pig)]

Official Symbol

TNNT2

Synonyms

TNNT2; troponin T, cardiac muscle; troponin T type 2 (cardiac)

Gene ID

100622450

mRNA Refseq

NM_001257353.2

Protein Refseq

NP_001244282.2

UniProt ID

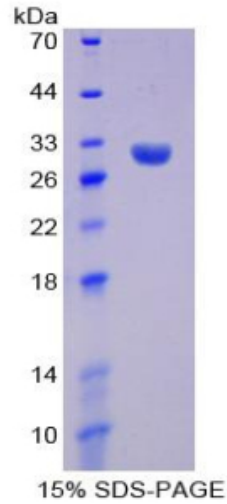
H8WGD7

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SDS-PAGE



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