

Recombinant Pig GKN1 protein, His-tagged

Cat. No. GKN1-7831P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig GKN1 aa. (Asn40~Ser190 (Accession # Q8HYA9)) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Asn40~Ser190
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.1kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.8.
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% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

GKN1 gastroke 1 [*Sus scrofa* (pig)]

Official Symbol

GKN1

Synonyms

TOP3A; DNA topoisomerase III alpha; TOP3; ZGRF7; DNA topoisomerase 3-alpha; topo III-alpha; topoisomerase (DNA) III alpha; zinc finger, GRF-type containing 7

Gene ID

100502561

mRNA Refseq

NM_001195779.1

Protein Refseq

NP_001182708.1

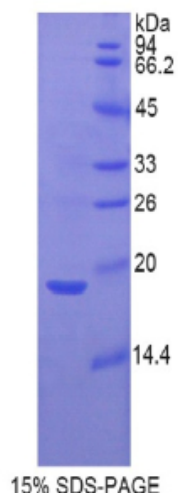
UniProt ID

Q8HYA9

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SDS-PAGE

15% SDS-PAGE

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