

Recombinant Rat Gsk3a protein, His & T7-tagged

Cat. No. Gsk3a-636R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gsk3a aa. (Ile122~Asn416 (Accession# P18265)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile122~Asn416
Description	Protein-serine kinase; may mediate hormonal control of several regulatory proteins including glycogen synthase and the transcription factor c-jun.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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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.

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

Gsk3a glycogen synthase kinase 3 alpha [*Rattus norvegicus* (Norway rat)]

Official Symbol

Gsk3a

Synonyms

Gsk3a; glycogen synthase kinase 3 alpha; glycogen synthase kinase-3 alpha; FA; GSK-3 alpha; factor A; serine/threonine-protein kinase GSK3A

Gene ID

50686

mRNA Refseq

NM_017344.1

Protein Refseq

NP_059040.1

UniProt ID

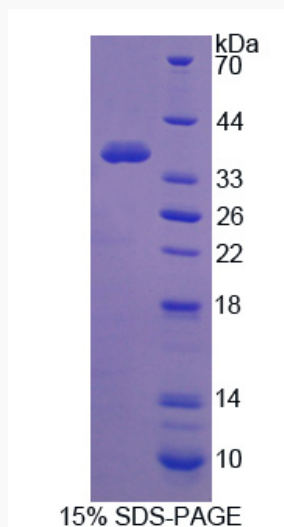
P18265

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SDS-PAGE



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