

Active Recombinant Full Length Human GSK3A Protein, GST-tagged

Cat. No. GSK3A-9932HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human GSK3α [1-483(end) amino acids of accession number NP_063937.2] was expressed as N-terminal GST-fusion protein (78 kDa) using baculovirus expression system. GST-GSK3α was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-483
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	56%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name glycogen synthase kinase 3 alpha

Official Symbol GSK3A

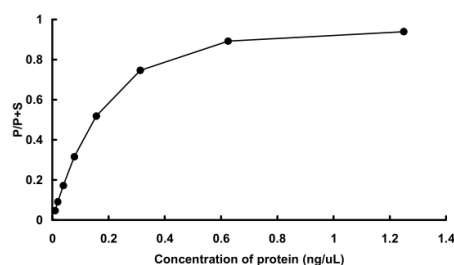
Synonyms GSK3A

Protein Refseq [NP_063937.2](#)

UniProt ID [P49840](#)

Activity data

Activity data



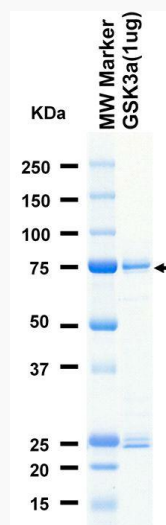
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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