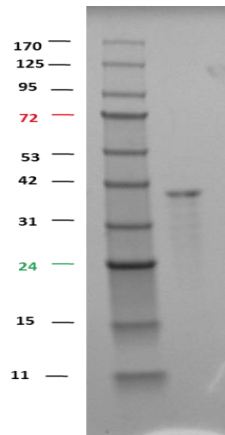


GSK-3 α -GST Fusion Protein, Human Recombinant

CATALOG NO:	7003-100
AMOUNT:	100 μ g
MOL. WEIGHT:	37 kDa
SOURCE:	<i>E. coli</i> . It is expressed as a recombinant fusion protein of GSK-3 α residues (amino acid 12-30) surrounding GSK-3 α (Ser21) and glutathione S-transferase (GST). The protein was purified by affinity chromatography.
PURITY:	\geq 95% by SDS-PAGE
FORM:	Lyophilized powder without any additives.
RECONSTITUTION:	Reconstitute in sterile H ₂ O.
STORAGE CONDITIONS:	Store at -20 °C. For long term storage, aliquot and freeze at -70 °C. Avoid repeated freeze-thaw cycles.
DESCRIPTION:	GSK-3 is one of the Akt substrates. It can be phosphorylated by Akt at Ser21 of GSK-3 α or Ser9 of GSK-3 β . The phosphorylation of GSK negatively regulates its kinase activity. The recombinant GSK-3 α fusion protein serves as a useful substrate for assaying Akt kinase activity.



SDS-PAGE of GSK-3 α -GST Fusion Protein.

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