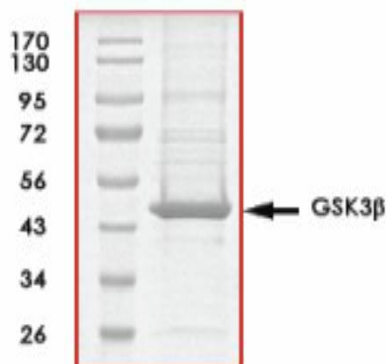


GSK3B

Recombinant Human Glycogen Synthase Kinase 3 beta His Active

Catalog No.	CSI13413A CSI13413B	Quantity:	5 µg 10 µg
Alternate Names:	GSK3B, GSK-3 beta, GSK3beta isoform		
Description:	Recombinant Human full length GSK3B with an N-terminal His tag. GSK3B is a serine threonine protein kinase that was originally identified as the kinase that phosphorylates and inhibits glycogen synthase. GSK3B is ubiquitously present in human tissues and implicated in the regulation of several physiological processes, including the control of glycogen and protein synthesis by insulin, and modulation of the transcription factors AP-1 and CREB. Transient transfection of human GSK3B into CHO cells stably transfected with individual human tau isoforms leads to hyperphosphorylation of tau at all the sites investigated with phosphorylation-dependent anti-tau antibodies.		
Concentration:	0.1 mg/ml		
GeneID:	2932		
Protein Accession No:	NM_002093		
Source:	Sf9 insect cells		
Molecular Weight:	~48 kDa		
Formulation:	Liquid in 50 mM Sodium Phosphate, pH 7.0, + 300 mM NaCl + 150 mM Imidazole + 0.1 mM PMSF + 0.2 mM DTT + 25% Glycerol.		
Purity:	>95% as determined by densitometry		
Specific Activity:	>100 nmol/min/mg (lot specific) as determined by Kinase Activity Assay		
Storage & Stability:	Stable for 1 year in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

SDS-PAGE analysis



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