

Glycogen synthase kinase-3 beta, sf9 Human Recombinant

Item Number	rAP-1706
Synonyms	Glycogen synthase kinase-3 beta, GSK-3 beta, Serine/threonine-protein kinase GSK3B.
Description	GSK3B produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 426 amino acids (1-420a.a.) and having a molecular mass of 47.5kDa (Migrates at 40-57kDa on SDS-PAGE under
Uniprot Accesion Number	P49841
Amino Acid Sequence	MSGRPRTTSF AESCKPVQQP SAFGSMKVS R DKDGSKVTTV VATPGQGPD R PQEVSYTDTK VIGNGSFGVV YQAKLCDSGE LVAIKKVLQD KRFKNRELQI MRKLDHCNIV RLRYFFYSSG EKKDEVYLNL VLDYVPETVY RVARHYSRAK QTLPIVIYVKL YMYQLFRSLA YIHSFGICHR DIKPQNLLLD PDTAVLKLCD FGS AKQLVRG EPNVSYICSR YYRAPELIFG ATDYTSSIDV WSAGCVLAEL LLGQPIFP GD SGVDQLVEII KVLGTPTREQ IREMNPNYTE FKFPQIKAHP WTKVFRPRTP PEAIALCSRL LEYTP TARLT PLEACAH SFF DELRDPNVKL PNGRDTPALF NFTTQE LSSN
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	GSK3B protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH7.4), 0.5mM PMSF and 30% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**