

Glycogen synthase kinase-3 beta Human Recombinant

Item Number	rAP-1737
Synonyms	GSK3B, Glycogen synthase kinase-3 beta, GSK-3 beta.
Description	GSK3B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 420 amino acids (1-420) and having a molecular mass of 46.0 kDa. nsbp;
Uniprot Accesion Number	P49841
Amino Acid Sequence	MSGRRPTTSF AESCKPVQQP SAFGSMKVSRLDKDGSKVTTV VATPGQGPDRLPQEVSYTDTK VIGNSG- FGVV YQAKLCDSGE LVAIKKVLQD KRFKNRELQI MRKLDHCNIV RLRYFFYSSG EKKDEVYLN VLDYVPETVY RVARHYSRAK QTLPVIVYKLYMYQLFRSLA YIHSFGICHR DIKPQNLILLD PDTAVLKLCD FGSAKQLVRG EPNVSYICSR YYRAPELIFG ATDYTSSIDV WSAGCVLAEL LLGQPIFPGD SGVDQLVEII KVLGTPTRERQ IREMNPNYTE FKFPQIKAHP WTKVFRPRTPEAIALCSRL LEYTPARLT PLEACAHSSF DELDRPNVKL PNGRDTPALF NFFTQELSSN PPLATILIPP HARIQAAAST PTNATAASDA NTGDRGQTNN AASASASNST
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	The GSK3B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% 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**