

Human GSK3B Recombinant Protein



RPPB2539

Product Information Protein Information

Product SKU:

RPPB2539

Accession:

P49841

Host:

Sf9, Baculovirus cells.

Protein 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 reducing conditions). GSK3B is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glycogen synthase kinase-3 beta, GSK-3 beta, Serine/threonine-protein kinase GSK3B.

Formulation:

GSK3B protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH7.4), 0.5mM PMSF and 30% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MSGRPRITTSF AESCKPVQQP SAFGSMKVSRL DKDGSKVTTV VATPGQGPDR PQEVSYTDTK VIGNGSFGVV
YQAKLCDSGE LVAIKKVLQD KRFKNRELQI MRKLDHCNIV RLRYFFYSSG EKKDEVYLNLD VLDYVPETVY
RVARHYSRAK QTLPIYVVKL YMYQLFRSLA YIHSFGICHR DIKPQNLLLD PDTAVLKLCD FGS AKQLVRG
EPNVSYICSR YYRAPELIFG ATDYTSSIDV WSAGCVLAEL LLGQPIFPGD SGVDQLVEII KVLGTPTREQ
IREMNPNYTE FKFPQIKAHP WTKVFRPRTP PEAIALCSRL LEYTPARLT PLEACAHSFF DELRDPNVKL
PNGRDTPALF NFFTQELSSN PPLATILIPP HARIQAAAST PTNATAASDA NTGDRGQTNN AASASASNST
HHHHHH.