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GSK3B, 1-420aa, Human, His tag, E.coli

产品货号: TP02343

第三版

别名:Glycogen synthase kinase 3 beta isoform 2, GSK-3 beta, Glycogen synthase kinase-3 beta

描述:GSK3B is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Recombinant human GSK3B protein, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量:46 kDa (420aa)

序列:

MSGRPRTTSFAESCKPVQQPSAFGSMKVS RDKDGSKVTTVVATPGQGPD RPQEVSYTDTK VIGNGSFGV VYQAKLCD SG
ELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYSSGEKKDEVYLN LVL DYVPETVYRVARHYSRAKQ TLPVIYVKL
YMYQLFRSLAYIHSFGICH RDIKPQNLLLD PDAVLKLCDFGSAKQLVRGEPNVS YICSRYYRAPELIFGATDY TSSIDVWSA
GCVLAELLGQPIFPGDSGVDQLVEI IKVLGTP TREQIREMNP NYTEFKFPQ IKAHPWTKVFRP RPTPEAIALCS RLLEYTPT
ARLTPLEACAH SFFDEL RDPNVKLPNGR DTPALFNFTTQELSSNP PLATILIPPHARIQAAASTPTNATAASDANTGDRGQT
NNAASASASNST

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.