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Glycogen synthase kinase-3 beta, 1-420aa, Human, His tag, Insect cell

产品货号: TP02274

第三版

别名:GSK-3 beta, Serine/threonine-protein kinase GSK3B

**描述:**GSK3B, also known as glycogen synthase kinase-3 beta, acts as a negative regulator in the hormonal control of glucose homeostasis. Also, this protein has diverse functions as Wnt signaling and regulation of transcription factors and microtubules, by phosphorylating and inactivating glycogen synthase (GYS1 or GYS2), EIF2B, CTNNB1/beta-catenin, APC, AXIN1, DPYSL2/CRMP2, JUN, NFATC1/NFATC, MAPT/TAU and MACF1. Recombinant human GSK3B, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:**Liquid. In Phosphate Buffered Saline (pH7.4) containing 0.5mM PMSF and 30% glycerol.

**分子量:**47.5kDa (426aa) 40-57KDa (SDS-PAGE under reducing conditions.)

**序列:**

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MSGRPRTTSFAESCKPVQQPSAFGSMKVS RDKDGSKVTTVVATPGQGDRPQEVS YTDTKVINGSGFGVVYQAKLCDSG  
ELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYSSGEKKDEVYLNLVLDYVPETVYRVARHYSRAKQTLPIVYVKL  
YMYQLFRSLAYIHSFGICH RDIKPQNLLLDPD TAVLKLCDFGSAKQLVRGEPNVS YICSRYYRAPELIFGATDYTSSIDVWSA  
GCVLAELLLGQPIFPGDSGVDQLVEI I KVLGTP TREQIREMNP NYTEFKFPQ IKAHPWTKVFRPRT PPEAIALCSRLLEYTPT  
ARLTPLEACAH SFFDEL RDPNVKLPNGR DTPALFNFTTQELSSNPPLATILIPPHARIQAAASTPTNATAASDANTGDRGQT  
NNAASASASNSTHHHHHH
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**纯度:**> 95% by HPLC

**浓度:**0.25 mg/ml (determined by Absorbance at 280nm)

**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.