

GSKIP, 1-139aa, Human, His tag, E.coli

Cat.NO.: TP02344

3th Edition

Synonyms:GSK3-beta interaction protein

Description:GSKIP (GSK3 ? interaction protein) is defined as a naturally occurring protein that is homologous with the GSK3beta interaction domain of Axin and is able to negatively regulate GSK3beta of the Wnt signaling pathway. GSKIP may affect GSK3? activity on neurite outgrowth by inhibiting the specific phosphorylation of tau (ser396). Recombinant human GSKIP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 50mM NaCl

Molecular Weight:17.8kDa (159aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMETDCNPMELSSMSGFEEGSELNGFEGTDMKDMRLEAEAVVNDVLFVNNMFV
SKSLRCADDVAYINVETKERNRYCLELTEAGLKVVGYAFDQVDDHLQTPYHETVYSLDTLSPAYREAFGNALLQRL
EALKRDGQS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.