

Product information

GSKIP, 1-139aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1007

Full name: GSK3-beta interaction protein

NCBI Accession No.: NP_057556

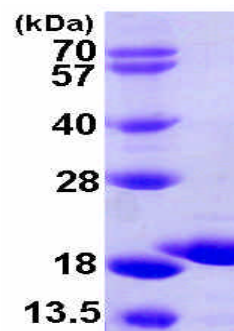
Description: GSKIP (GSK3 β interaction protein) is defined as a naturally occurring protein that is homologous with the GSK3beta interaction domain of Axin and is able to negatively regulate GSK3beta of the Wnt signaling pathway. GSKIP may affect GSK3 β activity on neurite outgrowth by inhibiting the 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

Purity: > 95% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH METDCNP MEL SSMSGFE EGS ELNGFEGTDM KDMRLEAEAV VNDVLFVNN MFVSKSLRCA DDVAYINVET
KERNRYCLEL TEAGLKVVGY AFDQVDDHLQ TPYHETVYSL LDTLSPAYRE AFGNALLQRL EALKRDGQS

General references:

Lin CC, *et al.* (2009) *J Cell Biochem.* 108(6):1325-36.

Chou HY, *et al* (2006) *Biochemistry.* 45(38):11379-89.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.