OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP500874

Gskip (NM_178613) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse GSK3B interacting protein (Gskip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200874 protein sequence Red=Cloning site Green=Tags(s) MGARRMETDYNPVELSSMSGFEEGSELNGFEGADMKDMQLEAEAVVNDVLFAVNHMFVSKSMPCADDVAY INVETKERNRYCLELTEAGLRVVGYAFDQVEDHLQTPYHETVYSLLDTLSPAYREAFGNALLQRLEALKR DGQS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	16.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_848728
Locus ID:	66787
UniProt ID:	Q8BGR8
RefSeq Size:	2787
Cytogenetics:	12 E

View online »

RefSeq ORF: 435

Synonyms: 4933433P14Rik

Summary: A-kinase anchoring protein for GSK3B and PKA that regulates or facilitates their kinase activity towards their targets. The ternary complex enhances Wnt-induced signaling by facilitating the GSK3B- and PKA-induced phosphorylation of beta-catenin leading to beta-catenin degradation and stabilization respectively. Upon cAMP activation, the ternary complex contributes to neuroprotection against oxidative stress-induced apoptosis by facilitating the PKA-induced phosphorylation of DML1 and PKA-induced inactivation of GSK3B. During neurite outgrowth promotes neuron proliferation; while increases beta-catenin-induced transcriptional activity through GSK3B kinase activity inhibition, reduces N-cadherin level to promote cell cycle progression (By similarity). May play a role in cleft palate formation and is required for postnatal life through modulation of the activity of GSK3B during development (PubMed:26582204). [UniProtKB/Swiss-Prot Function]