
Product Data Sheet

Product Name: STK17B Human

Cat. No.: GP22629

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Serine/threonine-protein kinase 17B; EC 2.7.11.1; DAP kinase-related apoptosis-inducing protein kinase 2; STK17B; DRAK2.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSRRRFD CRSISGLLTT TPQIPIKMEN FNNFYILTSK ELGRGKFAVV RQCISKSTGQ EYAAKFLKKR RRGQDCRAEI LHEIAVLELA KSCPRVINLH EVYENTSEII LILEYAAGGE IFSLCLPELA EMVSENDVIR LIQILEGVY YLHQNNIVHL DLKPQNILLS SIYPLGDIKI VDFGMSRKIG HACELREIMG TPEYLAPEIL NYDPITTATD MWNIGIIAYM LLTHTSPFVG EDNQETYLNI SQVNVLDYSEE TFSSVSQLAT DFIQSLLVKN PEKRPTAEIC LSHSWLQQWD FENLFHPEET SSSSQTDHS VRSSDKTSK SSCNGTCGDR EDKENIPEDS SMVSKRFRFD DSLPNPHELV SDLLC.		
Formulation	STK17B protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 2mM DTT.		

Introduction

Serine/threonine kinase 17b (STK17B) is a member of the protein kinase superfamily. STK17B functions as a positive regulator of apoptosis. STK17B interacts with CHP1; this interaction stimulates CHP1 to translocate from the Golgi to the nucleus. STK17B is highly expressed in the placenta, lung, pancreas, however it has lower levels in the heart, brain, liver, skeletal muscle and kidney.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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STK17B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 395 amino acids (1-372 a.a) and having a molecular mass of 44.7kDa. STK17B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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