

## STK17B Human

**Description:** 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.

Catalog #:PKPS-057

For research use only.

**Synonyms:** Serine/threonine-protein kinase 17B, EC 2.7.11.1, DAP kinase-related apoptosis-inducing protein kinase 2, STK17B, DRAK2.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMRFRD CRSISGLLTT  
TPQIPIKMEN FNNFYILTSK ELGRGKFAVV RQCISKSTGQ EYAAKFLKKR RRGQDCRAEI  
LHEIAVLELA KSCPRVINLH EVYENTSEII LILEYAAGGE IFSLCLPELA EMVSENDVIR  
LIKQILEGVY YLHQNNIVHLDLKPQNILLS SIYPLGDIKI VDFGMSRKIG HACELREIMG  
TPEYLAPEIL NYD

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

STK17B protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 2mM DTT.

**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.

**Usage:**

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**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.

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