

32-13005: STK3 Human

Alternative Name : Serine/Threonine Kinase 3, Mammalian STE20-like protein kinase 2, MST-2, STE20-like kinase MST2, Serine/threonine-protein kinase Krs-1, MST2/N, MST2/C, KRS1, MST2.

Description

Source: Sf9 Insect cells.

Sterile Filtered colorless solution.

Serine/threonine-protein kinase 3 (), is a mammalian Ste20-related protein kinases most closely related to Drosophila Hippo, which is a major regulator of cell proliferation as well as survival in the course of development. STK3 is a serine/threonine kinase which functions early in a pheromone responsive signal transduction cascade in yeast. Furthermore, STK3 activates the human large tumor suppressor kinase Lats1. STK3 also modulates stress-induced cardiac hypertrophy.

STK3 Human Recombinant produced in Sf9 Insect cell is a single, non-glycosylated polypeptide chain containing 331 amino acids (1-322aa.a) and having a molecular mass of 37.6kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions). STK3 is fused to a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90% as determined by SDS-PAGE.

Content : STK3 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : 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.

Amino Acid : ADPMEQPPAP KSKLKKLSED SLTKQPEEVF DVLEKLGEYS YGSVFKAIHK ESGQVVAIKQ VPVESDLQEI
IKEISIMQQC DSPYVVKYYG SYFKNTDLWI VMEYCGAGSV SDIIRLRNKT LIEDEIATIL KSTLKGLEYL
HFMRKIHRDI KAGNILLNTE GHAKLADFGV AGQLTDTMAK RNTVIGTPFW MAPEVIQEIG YNCVADIWSL
GITSIEMAEG KPPYADIHPM RAIFMIPTNP PPTFRKPELW SDDFTDFVKK CLVKNPEQRA TATQLLQHPF
IKNAKPVSL RDLITEAMEI KAKRHEEQQR ELEEEENSDE ELDHDDHHH H.