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STK3, 1-322aa, Human, His-tag, Baculovirus

产品货号: TP04066

第三版

别名: Serine/threonine-protein kinase 3, STK3, KRS1, MST2

描述: STK3, also known as serine/threonine-protein kinase 3, is a mammalian Ste20-related protein kinases most closely related to Drosophila Hippo, a major regulator of cell proliferation and survival during development. It is a serine/threonine kinase that functions early in a pheromone responsive signal transduction cascade in yeast. It activates the human large tumor suppressor kinase Lats1. It modulates stress-induced cardiac hypertrophy. Recombinant human STK3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 37.6kDa (331aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

ADPMEQPPAPKSKLKKLSEDSLTKQPEEVFDVLEKLGEGSYGSVFKAIHKESGQVVAIKQVPVESDLQEIIKEISIMQQCDSP
YVVKYYGSYFKNTDLWIVMEYCGAGSVSDIIRLRNKTLIEDEIATILKSTLKGLEYLHFMRKIHRDIKAGNILLNTEGHAKLA
DFGVAGQLTDTMAKRNTVIGTPFWMAPEVIQEIGYNCVADIWSLIGITSIEMAEGKPPYADIHPMRAIFMIPTNPPPTFRKP
ELWSDDFDFVKKCLVKNPEQRATATQLLQHPFIKNAKPVSI LRDLITEAMEIKAKRHEEQQRELEEEEEENSDEDELDDHHH
HHH

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.