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STK16, 1-305aa, Human, His tag, E.coli

产品货号: TP04063

第三版

别名: Serine/threonine-protein kinase 16, KRCT, MPSK, PKL12, TSF1

描述: STK16, also known as serine/threonine-protein kinase 16, is a membrane-associated protein kinase that phosphorylates on serine and threonine residues. STK16 may be involved in secretory vesicle trafficking or intracellular signaling. Also this protein may have a role in regulating stromal-epithelial interactions that occur during ductal morphogenesis in the mammary gland. It able to autophosphorylate on Tyr residue; it is however unclear whether it has tyrosine-protein kinase toward other proteins. Recombinant human STK16 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量: 37.2 kDa (329aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMGHALCVC SRGTVIIDNKRYLFIQKLGE GGF SYVDLVEGLHDG H FYALKRILCHE
QQDREEAQREADMHRLFNHPNLRVAYCLRER GAKHEAWLLL PFFKRGTLWNEIERLKDKGNFLTEDQILWLLLGICRG
LEAIHAKGYAHRDLKPTNILLGDEGQPV LMDLGSMNQACIHVEGSRQAL TLQDWAAQRCTISYRAPELFSVQSHCVIDER
TDVWSLGCVLYAMMFGE GEPYDMVFQKGDSVALAVQNQLSIPQSPRHSSALRQLLNSMMTVDPHQRP HIPLLLSQLEALQ
PPAPGQHTTQI

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

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.