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STAP1, 1-295aa, Human, His tag, E.coli

产品货号: TP04050

第三版

别名: Signal-transducing adaptor protein 1, BRDG1, STAP-1

描述: STAP1, also known as signal-transducing adaptor protein 1, appears to function as a docking protein acting downstream of Tec tyrosine kinase in B cell antigen receptor signaling. The protein is directly phosphorylated by Tec in vitro where it participates in a positive feedback loop, increasing Tec activity. Recombinant human STAP1 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 30% glycerol, 0.1M NaCl, 1mM DTT

分子量: 36.8 kDa (319aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMMAKKPPKPAPRRIFQERLKITALPLYFEGFLLIKRSGYREYEHYWTELRTGLFFY  
TDKKSIIYVDKLDIVDLTCLTEQNSTEKNCAKFTLVLPKEEVQLKTENTESGEEWRGFILVTLSVQNVSLPGQVIKLHE  
VLEREKRRRIETEQSTSVEKEKEPTEDYVDVLPMPACFYTVSRKEATEMLQKNPSLGNMILRPGSDSRNYSITIRQEIDIPRI  
KHYKVMMSGQNYTIELEKPVTLPNLFSVIDYFVKETRGNLRPFICSTDENTGQEPSMEGRSEKLLKNPHIA

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.