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PSTPIP1, 1-416aa, Human, His tag, E.coli

产品货号: TP03586

第三版

别名: Proline-serine-threonine phosphatase interacting protein 1, CD2BP1, CD2BP1L, CD2BP1S, H-PIP, PAPAS, PSTPIP

描述: PSTPIP1 binds to the cytoplasmic tail of CD2, an effector of T cell activation and adhesion, negatively affecting CD2-triggered T cell activation. The protein appears to be a scaffold protein and a regulator of the actin cytoskeleton. It has also been shown to bind ABL1, PTPN18, WAS, CD2AP, and PTPN12. Mutations in this gene are a cause of PAPA syndrome. Recombinant human PSTPIP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 50.0kDa (439aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMMPQLQFKDAFWCRDFTAHTGYEVLLQRLLDGRKMCKDMEELLRQRAQAEERY  
GKELVQIARKAGGQTEINSLRASFDLQKQMVGVSSHIQLALTLREELRSLEEFRRERQKEQRKKYEAVMDRVQKSKLSLYK  
KAMESKKTYEQKCRDADDAEQAFERISANGHQKQVEKSNKARQCKDSATEAERVYRQSIQLEKVRAEWEQEHRRTC  
EAFQLQEFDRILTILRNALWVHSNQLSMQCVKDDELYEEVRLTLEGCSIDADIDSFIQAKSTGTEPPAPVPYQNYDREVTP  
TSSPGIQPSCGMIKRFSGLLHGSPKTTSLAASAATETLTPTPERNEGVYTAIAVQEIQGNPASPAQEYRALYDYTAQNPDEL  
DLSAGDILEVILEGEDGWWTVERNQQRGFVPGSYLEKL

纯度: > 95% by HPLC

浓度: 0.5 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.