

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

SDCBP2, 1-292 aa, Human, His tag, E.coli

产品货号: TP03870

第三版

别名: Syndecan binding protein, SITAC, SITAC18, ST-2

描述: SDCBP2 contains two class II PDZ domains. PDZ domains facilitate protein-protein interactions by binding to the cytoplasmic C-terminus of transmembrane proteins, and PDZ-containing proteins mediate cell signaling and the organization of protein complexes. The protein binds to phosphatidylinositol 4, 5-bisphosphate (PIP2) and plays a role in nuclear PIP2 organization and cell division. Recombinant human SDCBP2 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, 10% glycerol, 1mM DTT

分子量: 34.0 kDa (315aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMSSLYPSLEDLKVDQAIQAQVRASPKMPALPVQATAISPPPVLYPNLAELENYMGLS  
LSSQEVQESLLQIPEGDSTAVSGPGPGQM VAPVTGYS LGVRRAEIKPGVREIHLCKDERGKTGLRLRKVDQGLFVQLVQA  
NTPASLVGLRFGDQLLQIDGRDCAGWSSHKAHQVVKKASGDKIVVVVRDRPFQRTVTMHKDSMGHVGFVIKKGKIVSL  
VKGSSAARNGLLTNHYVCEVDGQNVIGLKDKKIMEILATAGNVVTLTIIPSVIYEHMVKKLPPVLLHHTMDHSIPDA

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.