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SNX1, 146-522aa, Human, His tag, E.coli

产品货号: TP03997

第三版

别名: HsT17379, SNX1A, Vps5, Sorting nexin-1

描述: SNX1 (Sorting nexin 1) is a member of a large family of hydrophilic proteins that interact with a variety of receptor types and are involved in intracellular trafficking. SNX1 and the related splice variant, SNX1A, bind the epidermal growth factor (EGF) receptor, facilitate its transport to lysosome, and thereby contribute to the degradation of the receptor. This protein is all partially associated with cellular membranes, and they, likewise, associate with EGF, PDGF and Insulin receptor tyrosine kinases. Recombinant human SNX1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl, 1mM DTT

分子量: 48.0 kDa (415aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGGSM TVGITDPEKIGDGMNAYVAYKVTTQTSLPLFRSKQFA
VKRRFSDFLGLYEKLSEKHSQNGFIVPPPPEKSLIGMTKVKV
GKEDSSSAEFLEKRRALERYLQRIVNHPTMLQDPDVREFL
EKEELPRAVGTQTL SGAGLLKMFNKATDAVSKMTIKMNE
SDIWFEELQVEVECEEQRLRKLHVVETLVNHRKELALNT
AQFAKSLAMLGSS EDNTALSRALSQLAEVEEKIEQLHQE
QANNDFFLLAELLSYIRLLAIVRAAFDQRMKTWQRWQDAQ
ATLQKKREAEARLLWANKPKLQQA KDEILEWESRVTQYER
DFERISTVVRKEVIRFEKEKSKDFKNHVIKYLETL LLSQ
QLAKYWEAFLPEAKAIS

纯度: > 95% by HPLC

浓度: 0.25 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.