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SH3GLB2, 1-395aa, Human, His tag, E.coli

产品货号: TP03929

第三版

别名:Endophilin-B2, PP6569, PP9455

描述:Endophilin-B2, also known as SH3GLB2, is a member of the endophilin B subgroup. The endophilins comprise a family of proteins that associate with amphiphysin, synaptojanin and dynamin and are implicated in presynaptic vesicle trafficking at nerve terminals. The expression patterns of the endophilins are consistent with their cellular functions at the neuronal synapse. SH3GLB2 is ubiquitously expressed but shows highest levels in brain, adult lung, ovary, and spinal cord. A decreased level of SH3GLB2 is found in Down syndrome and may reflect brain dysgenesis. Recombinant human SH3GLB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. General

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

分子量:46.4 kDa (418aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMDFNMKKLASDAGIFFTRAVQFTEEKFGQAEKTELDAHFENLLARADSTKNWTEK
ILRQTEVLLQPNPSARVEEFLYEKLDKRVPSRVVTNGELLAQYMADAASELGPTTPYGKTLIKVAEAEKQLGAAERDFIHTASI
SFLTPLRNFLEGDWKTISKERRLLQNRRLDLACKARLKKAKAAEAKATTVPDFQETRPRNYILSASASALWNDEVDKAEQ
ELRVAQTEFDRQAEVTRLLLEGISSTHVNHRLRCLHEFVKSQTTYAQCYRHMLDLQKQLGRFPGTFVGTTEPASPLSSTSP
TTAAATMPVVPSVASLAPPGEASLCLEEVAPPASGTRKARVLYDYEAADSSSELALLADELITVYSLPGMDPDWLIGERGNKK
GKVPVTYLELLS

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.