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SYT13, 30-426aa, Human, His tag, E.coli

产品货号: TP04128

第三版

别名: Synaptotagmin-13 isoform 1, Synaptotagmin XIII

描述: SYT13 is a member of the large synaptotagmin protein family. Family members have an extracellular N-terminal transmembrane domain and a cytoplasmic C terminus with two tandem C2 domains (C2A and C2B). Synaptotagmin family members can form homo- and heteromeric complexes with each other. They also have different biochemical properties and developmental profiles, and patterns of tissue distribution. Synaptotagmins function as membrane traffickers in multicellular organisms. Two alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. Recombinant human SYT13 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, 30% glycerol, 1mM DTT, 1mM PMSF, 1mM EDTA.

分子量: 46.5 kDa (420aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSCRHMHPKKGLLPRDQDPDLEKAKPSLLGSAQQFNVKKSTEPVQPRALLKFPDIYGP
RPAVTAPEVINYADYSLRSTEEPTAPASPQPPNDSRLKRQVTEELFILPQNGVVEDVCVMETWNPEKAASWNQAPKLHYC
LDYDCQKAELFVTRLEAVTSNHDGGCDCYVQGSVANRTGSVEAQTALKKRQLHTTWEEGLVPLAEEELPTATLTLTLR
TCDRFSRHSVAGELRLGLDGTSPVPLGAAQWGELKTSAKEPSAGAGEVLLSISYLPAAANRLLVVLIAKAKNLHSNQSKELLGKD
VSVKVTLKHQARKLKKKQTKRAKHKINPVWNEMIMFELPDDLQASSVELEVLGQDDSGQSCALGHCSLGLHTSGSERS
HWEEMLNPRRQIAMWHQLHL

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.