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SYT1, 136-382aa, Human, His tag, E.coli

产品货号: TP04126

第三版

别名:synaptotagmin 1, P65, SVP65, SYT

描述:Synaptotagmin-1(SYT1) belongs to the synaptotagmin family contains 2 C2 domains. The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. SYT1 is the master switch responsible for allowing the human brain to release neurotransmitters. Recombinant human SYT1 protein, fused to His-tag at C-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 2mM DTT, 20% glycerol, 100mM NaCl

分子量:29.5kDa (256aa), confirmed by MALDI-TOF

序列:

MEPKEEEKLGKQLQYSLDYDFQNNQLLVGIIQAAELPALDMGGTSDPYVKVFLLPDKKKKFETKVHRKTLNPFVNEQFTFK
VPYSELGGKTLVMAVYDFDRFSKHDIIGEFKVP MNTVDFGHVTEEWRDLQSAEKEEQEKLGDICFSLRYVPTAGKLTVVIL
EAKNLK KMDVGGLSDPYVKIHLMQNGKRLKKKKTTIKNTLNPPYNEFSFEVPEQIQKVQVVVTVLDYDKIGKNDAI
GKVFVGYNLEHHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/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.