

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Complexin1, 1-134aa, Human, His tagged, Recombinant, E.coli

产品货号: TP01684

第三版

别名: CPXL1, CPX1, CPX-1, Synaphin-2

描述: Complexin1 belongs to a family of SNARE complex binding proteins that were suggested to be either facilitators or inhibitors of vesicle exocytosis. Complexin 1 exhibits reduced Ca^{2+} -triggered fast neurotransmitter release at hippocampal glutamatergic synapses, indicating that this protein is a positive regulator of transmitter release.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量: 17.1 kDa (154 aa), (Real molecular weight on SDS-PAGE will be shift up)

序列:

MGSSHHHHHSSGLVPRGSHMEFVMKQALGGATKDMGKMLGGDEEKDPDAAKKEEERQEALRQAEERKAKYAKME
AEREAVRQGIRDKYGIKKKEEREAEAQAAMEANSEGLTRPKKAIPPGCGDEVEEEDSILDTVIKYLPGPLQDMLKK

纯度: > 95% by HPLC

浓度: 1 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.