

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

SYT11, 37-431aa, Human, His tag, E.coli

产品货号: TP04127

第三版

别名:SYT12, sytXI

**描述:**SYT11 also known as synaptotagmin-11. The protein may be involved in Ca<sup>2+</sup>-dependent exocytosis of secretory vesicles through Ca<sup>2+</sup> and phospholipid binding to the C2 domain or may serve as Ca<sup>2+</sup> sensors in the process of vesicular trafficking and exocytosis. A synaptotagmin potentially involved in Parkinson's disease and schizophrenia. Recombinant human SYT11, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In Phosphate Buffered Saline (pH7.4) containing 50% glycerol

**分子量:**47kDa (418aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSWSCCHQQAEEKKQKNPPYKFIHMLKGISIYPETLSNKKKIIKVRDGDGPGREGGRR  
NLLVDAAEAGLLSRDKDPRGPSSGSCIDQLPIKMDYGEELRSPITSLTPGESKTTSPSSPEEDVMLGSLTFSVDYNFPKKALVV  
TIQEAHGLPVMDDQTQGSDPYIKMTILPDKRHRVKTRVLRKTLDPVFDETFYFYGIPYSQLQDLVLHFLVLSFDRFSRDDVI  
GEVMVPLAGVDPSTGKVQLTRDIIKRNIQKCISRGELQVLSYQPVAQRMTVVVLKARHLPKMDITGLSGNPYVKVNVVY  
GRKRIAKKKTHTVKKCTLNPIFNESFIYDIPTDLLPDISIEFLVIDFDRRTTKNEVVGRLLILGAHSVTASGAEHWREVCESPRKPV  
AKWHSLSEY

**纯度:**> 95% by HPLC

**浓度:**0.25 mg/ml (determined by Absorbance at 280nm)

**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.