

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。

Vamp2, 1-94aa, Mouse, His-tag, E.coli

产品货号: TP04449

第三版

别名: Vesicle-associated membrane protein 2, Syb-2, Syb2, sybII

描述: Vamp2, also known as Vesicle-associated membrane protein 2, is involved in the targeting and/or fusion of transport vesicles to their target membrane. It modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1. Vamp2 proteins localized to the cytoplasmic surface of synaptic vesicle, consists of a proline-rich N-terminal region, a highly conserved hydrophilic domain, followed by a transmembrane anchor and a C-terminal. This proteins also known to mediate cAMP-stimulated exocytosis in nerve cells and in renal cells of the juxtaglomerular apparatus. Recombinant mouse Vamp2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography

配方: Liquid. In Phosphate Buffered Saline (pH7.4) containing 1mM EDTA, 0.1mM PMSF, 10% glycerol

分子量: 12.8 kDa (118aa) Confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMSATAATVPPAAPAGEGGPPAPPNLTSNRRLQQTQAQVDEVVDIMRVNVDKV
LERDQKLSLDDRADALQAGASQFETSAAKLKRKYWWKNLK

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.