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VAMP4, 1-115 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP04450

第三版

别名:VAMP24, Vesicle-associated membrane protein 4 VAMP 24, VAMP 4, VAMP4 protein, Vesicle associated membrane protein 4, Vesicle associated membrane protein 4, isoform CRA a, Vesicle associated membrane protein 4, isoform CRA b.

描述:VAMP4, also known as vesicle-associated membrane protein 4, is a member of the synaptobrevin family involved in docking and/or fusion of vesicles with cell membrane. This protein is enriched in the trans-Golgi network and may play a role in trans-Golgi network-to-endosome transport. VAMP4 is involved in the pathway that functions to remove an inhibitor (probably synaptotagmin-4) of calcium-triggered exocytosis during the maturation of secretory granules. Recombinant human VAMP4 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, and 20% glycerol.

分子量:14.5 kDa (123aa), confirmed by MALDI-TOF.

序列:

MPPKFKRHLNDDDDVTGSVKSERRNLEDDSDDEEDFFLRGPGSPRFGPRNDKIKHVQNQVDEVIDVMQENITKVIERGER
LDELQDKSESLSDNATAFNSRSKQLRRQMWWRGCKLEHHHHHH

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.