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Syntaphilin, 1-424aa, Human, His tagged, Recombinant, E.coli

产品货号: TP04111

第三版

别名:SNPH, Syntaphilin, KIAA0374.

描述:Syntaphilin is a neuron-specific protein initially characterized as a binding partner of syntaxin-1. The protein competes with SNAP-25 for binding to syntaxin-1 and prevents the formation of the SNARE core complex, thereby controlling free syntaxin-1 availability for the assembly of the SNARE complex and potentially regulating synaptic vesicle exocytosis. Recombinant Syntaphilin protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10 % glycerol

分子量:48.2 KDa (444 aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMAMSLPGSRRTSAGSRRRTSPPVSVRDAYGTSSLSSSSNSGSYKGS DSSPTPRRSMKYTLCS  
DNHG IKPPTPEQYL TPLQQKEVCIRHLKARLKDTQDRLQDRDTEIDDLKTQLSRMQEDWIEEECHRVEAQLALKEARKEI  
KQLKQVIDTVKNNLIDKDKGLQKYFVDINIQNKKLETL LHSMEVAQNGMAKEDGTGESAGGSPARSL TRSSTYTKLSDPA  
VCGDRQPGDPSSGSAEDGADSGFAAADT LSR TDALEASSLLSSGVDCGTEETSLHSSFGLGPRFPASNTYEKLLCGMEAG  
VQASCMQERAIQTDFVQYQPD LDTILEKV TQAQVCGTDPESGDRCP ELDAHPSGPRDPNSAVVVTVGDELEAPEPITRGP  
TPQRPGANPNPGQSVSVCPMEEEEEAAVAEKEPKSYWSRH
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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.