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SNAP-25 (Synaptosomal-associated protein 25kDa), C.elegans Recombinant, E.coli

产品货号: TP03975

第三版

别名:SNAP25, SNAP-25, Synaptosomal-associated protein 25kDa, FLJ23079, RIC-4, RIC4, SEC9, SNAP 25, bA416N4.2, dJ1068F16.2, SUP, resistance to inhibitors of cholinesterase 4 homolog, super protein, synaptosomal-associated 25 kDa protein

描述:SNAP-25 is a presynaptic plasma membrane protein essential for synaptic vesicle fusion and neurotransmitter release . The membrane proteins SNAP-25, synaptobrevin and syntaxin make up the core complex (SNARE) essential for docking and holding synaptic vesicles at the pre synaptic membrane. SNAP-25 gene was amplified by PCR from C.elegans and cloned into an E. coli expression vector. SNAP-25 was purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl pH7.5, 50mM NaCl, 5mM DTT, 1mM EDTA, 10%Glycerol

分子量:23 kDa (207 aa), confirmed by MALDI-TOF.

序列:

MSGDDDIPEGLEAINLKMNATTTDDSLSTRMLALCEESKEAGIKTLVMLDDQGEQLERCEGALDTINQDMKEAEDHLK
GMEKCCGLCVLPWNKTDDFEKTEFAKAWKKDDDDGGVISDQPRITVGDSSMGPQGGYITKITNDAREMDENVQQVS
TMVGNLRNMAIDMSTEVSNQNRQLDRIHDKAQSNEVRVESANKRAKNLITK

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.