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STX1A, 1-265aa, Human, E.coli

产品货号: TP04077

第三版

别名: Syntaxin 1A, HPC-1, P35-1, STX1, SYN1A, , Neuron specific antigen HPC1, Neuron-specific antigen HPC-1 OTTHUMP00000174615, OTTHUMP00000174616 OTTHUMP00000174617, OTTHUMP00000174618 P35-1.

描述: STX1A, also as known as syntaxin 1A, is a synaptic protein implicated in docking of synaptic vesicles at presynaptic active zones. This protein plays a role in hormone and neurotransmitter exocytosis and may mediate Ca²⁺-regulation of exocytosis acrosomal reaction in sperm. Recombinant human STX1A was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol, 1mM DTT

分子量: 30.7kDa (265aa), confirmed by MALDI-TOF

序列:

MKDRTQELRTAKDSDDDDVAVTVDRDRFMDEFFEQVEEIRGFIDKIAENVEEVKCRKHSAILASPNPDEKTKEELEELMS
DIKKTANKVRSKLSIEQSIEQEEGLNRSSADLRIRKTQHSTLSRKFVEVMSEYNATQSDYRERCKGRIQRQLEITGRITTTSEE
LEDMLESGNPAIFASGIIIMDSSISKQALSEIETRHSEIHKLENSIRELHDMFMDMAMLVESQGEMIDRIEYNVEHAVDYVERA
VSDTKKAVKYQSKARRKK

纯度: > 95% by HPLC

浓度: 1mg/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.