

Recombinant Human Syntaxin 1a protein ab86442

1 图像

描述	
产品名称	重组人Syntaxin 1a蛋白
纯度	> 95 % SDS-PAGE. ab86442 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	MKDRTQELRT AKDSDDDDDV AVTVDRDRFM DEFFEQVEEI RGFIDKIAEN VEEVKRKHSA ILASPNPEK TKEELEELMS DIKKTANKVR SKLKSIEQSI EQEGLNRSS ADLRIRKTQH STLSRKFEV MSEYNATQSD YRERCKGRIQ RQLEITGR TT TSEELEDMLE SGNPAIFASG IIMDSSISKQ ALSEIETRHS EIIKLENSIR ELHDMFMDMA MLVESQ
氨基酸	1 to 226

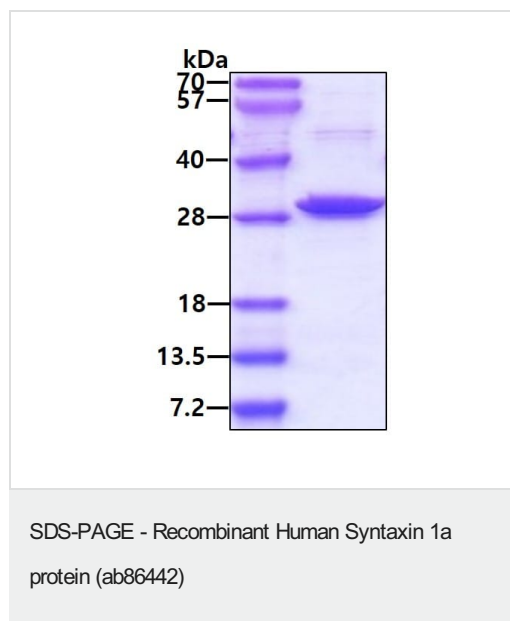
技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab86442</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE
形式	Liquid

制备和贮存	
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. pH: 7.50 Constituents: 0.0154% DTT, 0.242% Tris, 10% Glycerol (glycerin, glycerine)

## 常规信息

功能	Potentially involved in docking of synaptic vesicles at presynaptic active zones. May play a critical role in neurotransmitter exocytosis. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm.
组织特异性	Isoform 1 is highly expressed in embryonic spinal chord and ganglia and in adult cerebellum and cerebral cortex. Isoform 2 is expressed in heart, liver, fat, skeletal muscle, kidney and brain.
疾病相关	Note=STX1A is located in the Williams-Beuren syndrome (WBS) critical region. WBS results from a hemizygous deletion of several genes on chromosome 7q11.23, thought to arise as a consequence of unequal crossing over between highly homologous low-copy repeat sequences flanking the deleted region.
序列相似性	Belongs to the syntaxin family. Contains 1 t-SNARE coiled-coil homology domain.
细胞定位	Secreted and Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cell junction > synapse > synaptosome.

## 图片



15% SDS-PAGE showing ab86442 at approximately 26.1kDa.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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