

Product datasheet

Recombinant Human Munc18-1 protein ab114603

1 图像

概述

产品名称	Recombinant人Munc18-1 protein
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Wheat germ

氨基酸序列

Accession	P61764
种属	Human
序列	VYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNELVKSRA AKVIKTLTEINIAFLPYESQVYSLDSADSFQSFYSPHKAQMKNPI
分子量	36 kDa including tags
氨基酸	74 to 168

技术指标

Our [Abpromise guarantee](#) covers the use of **ab114603** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	ELISA Western blot SDS-PAGE
形式	Liquid
补充说明	Protein concentration is above or equal to 0.05 mg/ml. Best used within three months from the date of receipt.

制备和贮存

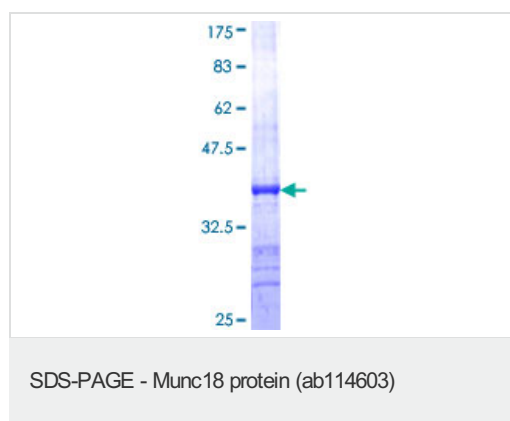
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

功能	May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions.
组织特异性	Brain and spinal cord. Highly enriched in axons.
疾病相关	Defects in STXBP1 are the cause of epileptic encephalopathy early infantile type 4 (EIEE4) [MIM:612164]. Affected individuals have neonatal or infantile onset of seizures, suppression-burst pattern on EEG, profound mental retardation, and MRI evidence of hypomyelination.
序列相似性	Belongs to the STXBP/unc-18/SEC1 family.
细胞定位	Cytoplasm. Membrane.

图片



ab114603 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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