

Product datasheet

Recombinant Human Munc18-1 protein ab114603

1 图像

概述

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|------|------------------|
| 产品名称 | 重组人Munc18-1蛋白 |
| 蛋白长度 | Protein fragment |

描述

| | |
|----|-------------|
| 性质 | Recombinant |
| 来源 | Wheat germ |

氨基酸序列

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|-----------|---|
| Accession | P61764 |
| 种属 | Human |
| 序列 | VYLTIPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNELVKSRA 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.

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|------|---|
| 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

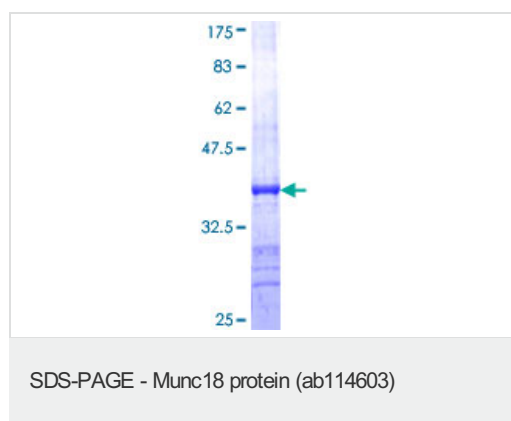
| | |
|--------|---|
| 稳定性和存储 | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 |
|--------|---|

Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

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|--------------|---|
| 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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