

Recombinant C. elegans SNAP25 protein ab51291

1 图像

描述	
产品名称	重组C. elegans SNAP25蛋白
纯度	> 95 % SDS-PAGE. ab51291 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<b><u>O62414</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Caenorhabditis elegans
序列	MSGDDDIPEGLEAINLKMNATTDDSLSTRMLALCEESKEA GIKTLVML DDQGEQLERC EGALDTINQDMKEAEDHLKGMEKCCGLCVLPWNKTDDF EKTEFAKAWKKDDGGVISDQP RITVGDSSMGPQGGYITKITNDARED EMDENVQQVSTMVGNLRNMAIDMSTEVSNQNRQL DRIHDKAQSNEVRV ESANKRAKNLITK
预测分子量	23 kDa
氨基酸	1 to 207
描述	重组C. elegans SNAP25蛋白

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab51291</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 freeze / thaw cycles. pH: 7.5

Constituents: 0.077% DTT, 0.316% Tris HCl, 0.0292% EDTA, 10% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

## 常规信息

功能	t-SNARE involved in the molecular regulation of neurotransmitter release. May play an important role in the synaptic function of specific neuronal systems. Associates with proteins involved in vesicle docking and membrane fusion. Regulates plasma membrane recycling through its interaction with CENPF.
组织特异性	Neurons of the neocortex, hippocampus, piriform cortex, anterior thalamic nuclei, pontine nuclei, and granule cells of the cerebellum.
序列相似性	Belongs to the SNAP-25 family. Contains 2 t-SNARE coiled-coil homology domains.
翻译后修饰	Palmitoylated. Cys-85 appears to be the main site, and palmitoylation is required for membrane association.
细胞定位	Cytoplasm > perinuclear region. Cell membrane. Cell junction > synapse > synaptosome. Membrane association requires palmitoylation. Expressed throughout cytoplasm, concentrating at the perinuclear region.

## 图片



14% SDS-PAGE analysis of SNAP25 recombinant protein ab51291.

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