

Product datasheet

Recombinant Human SNAPIN protein ab81766

1 Image

Description

Product name	Recombinant Human SNAPIN protein
Purity	> 90 % SDS-PAGE. ab81766 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MAGAGSAAVS</p> <p>GAGTPVAGPT GRDLFAEGLL EFLRPAVQQL</p> <p>DSHVHAVRES QVELREQIDN LATELCRINE</p> <p>DQKVALDLDP YVKLLNARR RVVLVNNILQ</p> <p>NAQERLRRRLN HSAKETARR RAMLDSGIYP PGSPGK</p>

Specifications

Our **Abpromise guarantee** covers the use of **ab81766** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid

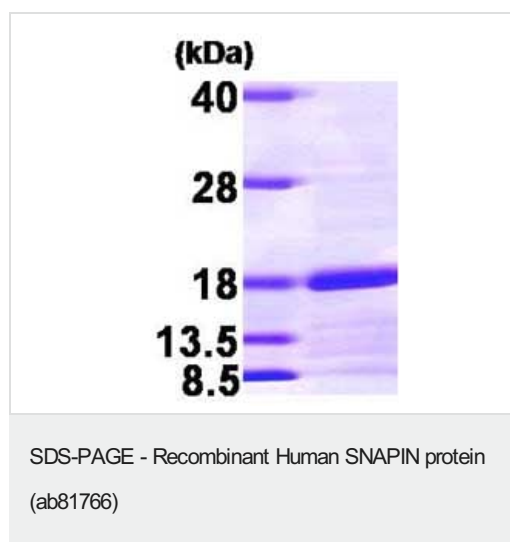
Preparation and Storage

Stability and Storage	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</p> <p>pH: 8.00</p> <p>Constituents: 0.077% DTT, 0.316% Tris HCl, 0.0584% EDTA, 40% Glycerol (glycerin, glycerine), 1.16% Sodium chloride</p>
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General Info

Function	May modulate a step between vesicle priming, fusion and calcium-dependent neurotransmitter release by potentiating the interaction of synaptotagmins with the SNAREs and the plasma-membrane-associated protein SNAP25. Its phosphorylation state influences exocytotic protein interactions and may regulate synaptic vesicle exocytosis. May also have a role in the mechanisms of SNARE-mediated membrane fusion in non-neuronal cells.
Tissue specificity	Expressed in male germ cells of adult testis (at protein level).
Sequence similarities	Belongs to the SNAPIN family.
Developmental stage	Expressed in germ cells of 22-week prenatal testis.
Cellular localization	Cytoplasm. Membrane. Cytoplasmic vesicle membrane. Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cell junction > synapse > synaptosome. Cytoplasm > perinuclear region. May be cytoplasmic and peripheral membrane bound or anchored to the vesicular membrane through an N-terminal signal anchor (By similarity). Co-localizes with NANOS1 and PUM2 in the perinuclear region of germ cells.

Images



ab81766 on 15% SDS-PAGE (3µg)

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

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