

Datasheet for ABIN7557780

Synaptophysin Protein (SYP) (AA 1-314) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Synaptophysin (SYP)
Protein Characteristics:	AA 1-314
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Synaptophysin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Syp Protein expressed in mammalien cells.
Sequence:	MLLLADMDVV NQLVAGGQFR VVKEPLGFVK VLQWVFAIFA FATCGSYTGE LRLSVECANK TESALNIEVE FEYFRLHQV YFDAPSCVKG GTTKIFLVGD YSSSAEFFVT VAVFAFLYSM GALATYIFLQ NKYRENNKGP MMDFLATAVF AFMWLVSSSA WAKGLSDVKM ATDPENIIKE MPMCRQTGNT CKELRDPVTS GLNTSVVFGF LNLVLWVGNL WFVFKETGWA APFMRAPPGA PEKQPAPGDA YGDAGYGQGP GGYGPQDSYG PGGYQPDYG QPASGGGGGY GPQGDYQQG YGQQGAPTSF SNQM Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	Synaptophysin (SYP)
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Alternative Name:	Syp (SYP Products)
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Background:	Synaptophysin (BM89 antigen) (Major synaptic vesicle protein p38),FUNCTION: Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane (By similarity). Involved in the regulation of short-term and long-term synaptic plasticity. {ECO:0000250, ECO:0000269 PubMed:10595519}.
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Molecular Weight:	34.0 kDa
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UniProt:	Q62277
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Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Regulation of long-term Neuronal Synaptic Plasticity
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months