

Datasheet for ABIN7559399

Synapsin III Protein (SYN3) (AA 1-579) (His tag)



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Overview

Quantity:	1 mg
Target:	Synapsin III (SYN3)
Protein Characteristics:	AA 1-579
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Synapsin III protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Syn3 Protein expressed in mammalian cells.
Sequence:	<p>MNFLRRRLSD SSFVANLPNG YMPDLQRPES SSSSPASPAT ERRHPQPLAA SFSSPGSSLF SSFSGAMKQT PQAPSGLMPEP PTPVTPVVQR PRILLVIDDA HTDWSKYFHG KKVNGDIEIR VEQAEFSELN LAAYVTGGCM VDMQVVRNGT KIVRSFKPDF ILVRQHAYSM ALAEDYRSLV IGLQYGGLPA VNSLYSVYNF CSKPWVFSQL IKIFHSLGPE KFPLVEQTFE PNHKPMLTAP NFPVVIKLGH AHAGMGKIKV ENQHDYQDIT SVVAMAKTYA TTEAFIDSKY DIRIQKIGSN YKAYMRTSIS GNWKANTGSA MLEQVAMTER YRLWVWSCSE MFGGLDICA V KAVHSDKGRD YIIIVMDSSM PLIGEHVEED KQLMADLVVS KMSQLLVPGA TVPSPLRPWG PQTKPAKSPG QGQLGPLLGG PQPRPPPQGG PRQAQSPQPP RSRSPSQRL SPQGQPVSP QSGSPQQRS PGSPQLSRAS GGSSPNQASK PSASLSSHNR PPVQGRSTSQ QGEEPQKSAS PHPHLNKSQS LTNSLSTSDT SHRGTPSEDE AKAETIRNLR KSFASLFS 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</p>

Product Details

contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: Synapsin III (SYN3)

Alternative Name: Syn3 ([SYN3 Products](#))

Background: Synapsin-3 (Synapsin III),FUNCTION: May be involved in the regulation of neurotransmitter release and synaptogenesis. Binds ATP with high affinity and ADP with a lower affinity. This is consistent with a catalytic role of the C-domain in which ADP would be dissociated by cellular ATP after bound ATP was hydrolyzed (By similarity). {ECO:0000250}.

Molecular Weight: 63.3 kDa

UniProt: [Q8JZP2](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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
