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Datasheet for ABIN7546326

**Synaptogyrin 1 Protein (SYNGR1) (AA 1-233) (His tag)**

## Overview

Quantity:	1 mg
Target:	Synaptogyrin 1 (SYNGR1)
Protein Characteristics:	AA 1-233
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Synaptogyrin 1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SYNGR1 Protein expressed in mammalian cells.
Sequence:	MEGGAYGAGK AGGAFDPYTL VRQPHTILRV VSWLFSIVVF GSIVNEGYLN SASEGEEFCI YNRNPNACSY GVAVGVLAFI TCLLYLALDV YFPQISSVKD RKKAVLSDIG VSAFWAFLWF VGFCYLANQW QVSKPKDNPL NEGTDAAARA IAFSFFSIFT WAGQAVLAFQ RYQIGADSAL FSQDYMDPSQ DSSMPYAPYV EPTGPDPAGM GGTYYQPANT FDTEPQGYQS QGY <b>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.</b>
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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

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Target:	Synaptogyrin 1 (SYNGR1)
Alternative Name:	<a href="#">SYNGR1 (SYNGR1 Products)</a>
Background:	Synaptogyrin-1,FUNCTION: May play a role in regulated exocytosis. Modulates the localization of synaptophysin/SYP into synaptic-like microvesicles and may therefore play a role in synaptic-like microvesicle formation and/or maturation (By similarity). Involved in the regulation of short-term and long-term synaptic plasticity (By similarity). {ECO:0000250 UniProtKB:O55100, ECO:0000250 UniProtKB:Q62876}.
Molecular Weight:	25.5 kDa
UniProt:	<a href="#">O43759</a>
Pathways:	<a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a>

## Application Details

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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

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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