

Datasheet for ABIN7557829

SYN2 Protein (AA 1-586) (His tag)



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Overview

Quantity:	1 mg
Target:	SYN2
Protein Characteristics:	AA 1-586
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYN2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Syn2 Protein expressed in mammalian cells.
Sequence:	MMNFLRRRLS DSSFIANLPN GYMTDLQRPE PQQPPAPGP GAATASAATS AASPGPERRP PPAQAPAPQP APQPAPTPSV GSSFFSSLSQ AVKQTAASAG LVDAPAPSAA SRKAKVLLV DEPHTDWAKC FRGKKILGDY DIKVEQAEFS ELNLVAHADG TYAVDMQVLR NGTKVRSFR PDFVLIRQHA FGMAENEDFR HLVIGMQYAG LPSINSLESI YNFCDKPWVF AQMVAIFKTL GGEKFPLIEQ TYYPNHREML TLPTFPVVVK IGHASHGMGK VKVENHYDFQ DIASVVALTQ TYATAEPFID AKYDIRVQKI GNYYKAYMRT SISGNWKTNT GSAMLEQIAM SDRYKLWVDA CSEMFGGLDI CAVKAVHGKD GKDYIFEVMD CSMPLIGEHQ VEDRQLITDL VISKMNQLLS RTPALSPQRP LTTQQPQSGT LKEPDSSKTP PQRPPPQGGP GQPQGMQPPG KVLPPRRLPS GPSLPSSSSS SSSSSSSSSA PQRPGGPTTT HGDASSSSNS LAEAQAPQAA PAQKPQPHPQ LNKSQSLTNA FSFSESSFFR SSANEDEAKA ETIRSLRKSF ASLFSD 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.

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.
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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).
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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)
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Grade:	custom-made
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Target Details

Target:	SYN2
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Alternative Name:	Syn2 (SYN2 Products)
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Background:	Synapsin-2 (Synapsin II),FUNCTION: Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. May play a role in noradrenaline secretion by sympathetic neurons. {ECO:0000269 PubMed:22673524}.
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Molecular Weight:	63.4 kDa
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UniProt:	Q64332
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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