

Datasheet for ABIN7555678

Synaptojanin 2 Protein (SYNJ2) (AA 1-1496) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Synaptojanin 2 (SYNJ2)
Protein Characteristics:	AA 1-1496
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Synaptojanin 2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SYNJ2 Protein expressed in mammalian cells.
Sequence:	<p>MALSKGLRLL GRLGAEGDCS VLLEARGRDD CLLFEAGTVA TLAPEEKEVI KGQYGKLTDA YGCLGELRLK SGGTSLFLV LVTGCTSVGR IPDAEYKIT ATDFYPLQEE AKEEERLIAL KKILSSGVFY FSWPNDGSRF DLTVRTQKQG DDSSEWGNSF FWNQLLHVPL RQHQVSCCDW LLKIICGVVT IRTVYASHKQ AKACLVSRSV CERTGTRFHT RGVNDDGHVS NFVETEQMIY MDDGVSSFVQ IRGSVPLFWE QPGLQVGS HH LRLHRGLEAN APAFDRHMLV LKEQYGGQVW VNLLGSRGGE EVLNRAFKKL LWASCHAGDT PMINDFHQF AKGGKLEKLE TLLRPQLKLH WEDFDVFTKG ENVSPRFQKG TLRMNCLDCL DRTNTVQSFI ALEVLHLQK TLGLSSKPIV DRFVESFKAM WSLNGHSLSK VFTGSRALEG KAKVGKLDG ARSMSRTIQS NFFDGVKQEA IKLLLVDVY GEEVADKGGM LLDSTALLVT PRILKAMTER QSEFTNFKRI RIAMGTWNVN GGKQFRSNVL RTAELTDWLL DSPQLSGATD SQDDSSPADI FAVGFEEMVE LSAGNIVNAS TTNKKMWGEQ LQKAISRSHR YILLTSAQLV GVCLYIFVRP YHVPFIRDVA IDTVKTMGGG KAGNKGAVGI RFQFHSTSF FICSHLTAGQ SQVKERNEDY KEITQKLCFP MGRNVFSDY</p>

VFWCGDFNYR IDLTYEEVFY FVKRQDWKKL LEFDQLQLQK SSGKIFKDFH EGAINFGPTY
KYDVGSAAYD TSDKCRTPAW TDRVLWWRKK HPFDKTAGEL NLLDSDLDVD TKVRHTWSPG
ALQYYGRAEL QASDHRPVLA IVEVEVQEVD VGARERVFQE VSSFQGPLDA TVVNLQSPT
LEEKNEFPED LRTELMQTLG SYGTIVLVRI NQGQMLVTFA DSHSALSULD VDGMMKVKGRA
VKIRPKTKDW LKGLREEIIR KRDSMAPVSP TANSCLLEEN FDFTSLDYES EGDILEDD
YLVEFNQPG VSDSELGGDD LSDVPGPTAL APPSKSPALT KKKQHPTYKD DADLVELKRE
LEAVGEFRHR SPSRSLVSN RPRPPQPPQR PPPPTGLMVK KSASDASISS GTHGQYSILQ
TARLLPGAPQ QPPKARTGIS KPYNVKQIKT TNAQEAEEAI RCLLEARGGA SEEALSAVAP
RDLEASSEPE PTPGAAKPET PQAPLLPRR PPRVPAIKK PTLRRTGKPL SPEEQFEQQT
VHFTIGPPET SVEAPPVTA PRVPPVPKPR TFQPGKAAER PSHRKPASDE APPGAGASVP
PPLEAPPLVP KVPPRRKSA PAAFHLQVLQ SNSQLLQGLT YNSSDPSGPH PPAAGTVFPQ
GDFLSTSSAT SPDSGDKAM KPEAAPLLGD YQDPFWNLLH HPKLLNNTWL SKSSDPLDSG
TRSPKRDPID PVSAGASAAK AELPPDHEHK TLGHWVTISD QEKRTALQVF DPLAKT **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.

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:	Synaptojanin 2 (SYNJ2)
Alternative Name:	SYNJ2 (SYNJ2 Products)
Background:	Synaptojanin-2 (EC 3.1.3.36) (Synaptic inositol 1,4,5-trisphosphate 5-phosphatase 2),FUNCTION: Inositol 5-phosphatase which may be involved in distinct membrane trafficking and signal transduction pathways. May mediate the inhibitory effect of Rac1 on endocytosis.
Molecular Weight:	165.5 kDa
UniProt:	O15056
Pathways:	Inositol Metabolic Process

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