

Datasheet for ABIN7555680
SYNPO Protein (AA 1-929) (His tag)



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Overview

Quantity:	1 mg
Target:	SYNPO
Protein Characteristics:	AA 1-929
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYNPO protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SYNPO Protein expressed in mammalian cells.
Sequence:	<p>MLGPHLPPPP LAPSEGRPTP CAFQIPDGSY RCLALEAEES SGEEGLQGEV GPTDLEEDEG VSRSGDDSAC RVTQGTPQLP KALGIQPPSC SREEQGASQH DDRASQDWDV VKAGQMMTAS PSPGPGPRVA QKPALGRSTS LTEKDLKEAK ARSQQIAAQL TTPPSSNSRG VQLFNRRRQR VNEFTLESHG QRGQKPSQES LRVLPSSLPG HAPGLSLSST SLPEPGPPRH PSPQSPDRGV PGHSMEGYSE EASLLRHLEK VASEEEEEVPL VVYLKENAAL LTANGLHLSQ NREAQSSPA PPPAEVHSPA ADVNQNLASP SATLTTPTSN SSHNPPATDV NQNPPATVVP QSLPLSSIQQ NSSEAQLPSN GTGPASKPST LCADGQPQAP AEEVRCSTLL IDKVSTPATT TSTFSREATL IPSSRPPASD FMSSLLIDI QPNTLVVSAD QEMSGRAAAT TPTKVYSEVH FTLAKPPSVV NRTARPFGIQ APGGTSQMER SPMLERRHFG EKAPAPQPPS LPDRSPRPQR HIMSRSPMVE RRMMGQRSPA SERRPLGNFT APPTYTETLS TAPLASWVRS PPSYSVLYPS SDPKSSHLLKG QAVPASKTGI LEESMARRGS RKSMTFTVEK PKVTPNPDLL DLVQTADDEKR RQRDQGEVGV EEEPFALGAE ASNFQQEPAP RDRASPAAAE EVVPEWASCL KSPRIQAKPK PKPNQNLSEA</p>

Product Details

SGKGAELYAR RQSRMEKYVI ESSSHTPELA RCPSTMSLP SSWKYPTNAP GAFRVASRSP
ARTPPASLYH GYLPENGLVR PEPTKQPPYQ LRPSLFLVSP IKEPAKVSPR AASPAKPSSL
DLVFNLPKGA LPPSPALPRP SRSSPGLYTS PGQDSLQPTA VSPPYGGDIS PVSPSRAWSP
RAKQAPRPSF STRNAGIEAQ VWKPSFCFK **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: SYNPO

Alternative Name: SYNPO ([SYNPO Products](#))

Background: Synaptopodin,FUNCTION: Actin-associated protein that may play a role in modulating actin-based shape and motility of dendritic spines and renal podocyte foot processes. Seems to be essential for the formation of spine apparatuses in spines of telencephalic neurons, which is involved in synaptic plasticity (By similarity). {ECO:0000250}.

Target Details

Molecular Weight: 99.5 kDa

UniProt: [Q8N3V7](#)

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