

Datasheet for ABIN7558754
NYAP2 Protein (AA 1-682) (His tag)



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Overview

Quantity:	1 mg
Target:	NYAP2
Protein Characteristics:	AA 1-682
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NYAP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Nyap2 Protein expressed in mammalian cells.
Sequence:	<p>MIPSKMMSAN PEEDPLDTFF QYIEDMGMKA YDGLVIQNAS DIARENRLR NETKLAYLKE KNEKRRRQEE TIKRIGGEVG RGQDASYAGK HFRMGFMTMP APQDRLPHPC SSGFTVRSQS LHSVGGTEDD SSCGSRQPP PKPKRDPSTK LSTSSETVNS TAASKSGRSL ERAEGKFTVP ASHSPPRAST SGHLFPSPGS QERNIKVSAK PRPHSDEYSK KIPPPKPKRN PNTQLSTSF ETYIKKHVPR RTSLPRDSSL SQVCSAADP EEEEPVYIEM VGNILRDFRK EEDDQSEAVY EEMKYPIFDD LGHDSKCFD HHSCSSQCAT PTPDLDFVK SSGPCTPKGL LCDIPPPFPN LLSHRPPLL VFPAPVHCSP NSDESPLTPL EVTKLPVLEN VSYMKQPPGA CPSSLPSHGS SHAKDQTGAL GPAGASILS SSPPPPSTLY RTQSPHGYPK SHSTSPSPVS MGRSLTPLSL KRPPPYDAVH SGSLSRSSSS VPHTTPRPVS QDGAKMVNAA VNTYSAAQSG SRSRTPTSPL EELTSLFTSG RLLRKSSSG RRSKEPAEKS TEELKVRSHS TEPLPKLDSK ERGHYSSSS REPVKAQEWD GTPGPPVVT S RMGRCSVSPT LLAGNHSSEP KVSKLGRSA STSGVPPPSV TPLRQASDLQ QSQVPSSLAN RD Sequence without tag. The proposed Purification-Tag is</p>

Product Details

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: NYAP2

Alternative Name: Nyap2 ([NYAP2 Products](#))

Background: Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 2,FUNCTION: Activates PI3K and concomitantly recruits the WAVE1 complex to the close vicinity of PI3K and regulates neuronal morphogenesis. {ECO:0000269|PubMed:21946561}.

Molecular Weight: 73.9 kDa

UniProt: [Q8BM65](#)

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
