

Datasheet for ABIN7565168
NPAS3 Protein (AA 1-925) (His tag)



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Overview

Quantity:	1 mg
Target:	NPAS3
Protein Characteristics:	AA 1-925
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPAS3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Npas3 Protein expressed in mammalian cells.
Sequence:	MGRAGAAANG TPQNVQGITS YQQRITAQHP LPNQSECRKI YRYDGIYCES TYQNLQALRK EKSRDAARSR RGKENFEFYE LAKLLPLPAA ITSQLDKASI IRLTISYLKM RDFANQGDPP WNLRMGPPPP NTSVKGAQRR RSPSALAIEV FEAHLGSHIL QSLDGFVFAL NQEGKFLYIS ETVSIYLGSL QVELTGSSVF DYVHPGDHVE MAEQLGMKLP PGRGLLSQGT TEDAASSASS SSQSETPEPV ETTSPSLLTT DNTLERSFFI RMKSTLTKRG VHIKSSGYKV IHITGRLRLR VPLSHGRTVP SQIMGLVVVA HALPPPTINE VRIDCHMFVT RVNMDLNIY CENRISDYMD LTPVDIVGKR CYHFIHAEDV EGIRHSHLDL LNKGQCVTKY YRWMQKNGGY IWIQSSATIA INAKNANEKN IIVVNYLLSN PEYKDTPMDI AQLPHLPEKA SESSETSDSE SDSKDTSGIT EDNENSKSDE KGNQSENSED PEPDRKKS GS ACDNDMNCND DGHSSSNPDS RSDSDSFEHS DFEHPKAAED GFGALGPMQI KVERYVESEA DLRLQPCESL TSDSAKDS DS ANEAGAQASS KHQKRKRRRK RQKGGASARR RLSSASSPGL DAGLVEPPRL LSSPHSASVL KIKTEIAEPI NFDNESSIWN YPPNREISRN ESPYSMTKPP TSEHFSPSPQG QGGSIGGGGA LHVAIPDSVL

Product Details

TPPGADGTAG RKTQFSGTAP VPSDPLSPPL SASPRDKHPG GGAGSGGGGP GASNSLLYTG
DLEALQRLQA GNVVLPVHR VTGTLAATST AAQRVYTTGT IRYAPAEVTL AMQGNLLPNA
HAVNFVDVNS PGFGLDPKTP MEMLYHHVHR LNMSGPFGGA VSAASLTQMP GGNVFTTAEG
LFSTLPFPVY SNGIHAAQTL ERKED **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: NPAS3

Alternative Name: Npas3 ([NPAS3 Products](#))

Background: Neuronal PAS domain-containing protein 3 (Neuronal PAS3) (Basic-helix-loop-helix-PAS protein MOP6) (Member of PAS protein 6),FUNCTION: May play a broad role in neurogenesis. May control regulatory pathways relevant to schizophrenia and to psychotic illness. {ECO:0000269|PubMed:15347806}.

Target Details

Molecular Weight: 100.5 kDa

UniProt: [Q9QZQ0](#)

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