

Datasheet for ABIN7554792  
**NPAS3 Protein (AA 1-933) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NPAS3
Protein Characteristics:	AA 1-933
Origin:	Human
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:	<p>MAPTKPSFQQ DPSRRERITA QHPLPNQSEC RKIYRYDGIY CESTYQNLQA LRKEKSRDAA RSRRGKENFE FYELAKLLPL PAAITSQLDK ASIIRLTISY LKMRDFANQG DPPWNLRMEG PPPNTSVKVI GAQRRRSPSA LAIEVFEAHL GSHILQSLDG FVFALNQEKG FLYISETVSI YLGLSQVELT GSSVFDYVHP GDHVEMAEQL GMKLPPGRGL LSQGTAEDEGA SSASSSSQSE TPEPVESTSP SLLTTDNTLE RSFFIRMKST LTKRGVHIKS SGYKVIHITG RLRLRVSLSH GRTVPSQIMG LVVVAHALPP PTINEVRIDC HMFVTRVNMD LNIIYCENRI SDYMDLTPVD IVGKRCYHFI HAEDVEGIRH SHLDLLNKGQ CVTKYYRWMQ KNGGYIWIQS SATIAINAKN ANEKNIIWVN YLLSNPEYKD TPMDIAQLPH LPEKTSESSE TSDSESDSKD TSGITEDNEN SKSDEKGNQS ENSEDPEPDR KKSGNACDND MNCNDDGHSS SNPDSRSDSD SFEHSDFENP KAGEDGFGAL GAMQIKVERY VESEDLRLQ NCESLTSDSA KSDSAGEAG AQASSKHQKR KKRRKRQKGG SASRRRLSSA SSPGGLDAGL VEPRLSSP NSASVLKIKT EISEPINFDN DSSIWNYPN REISRNESPY SMTKPPSSEH FPSPQGGGGG GGGGGGLHVA IPDSVLTPPG</p>

## Product Details

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ADGAAARKTQ FGASATAALA PVASDPLSPP LSASPRDKHP GNGGGGGGGG GGAGGGGPPSA  
SNSLLYTGDL EALQRLQAGN VVLPLVHRVT GTLAATSTAA QRVYTTGTIR YAPAEVTLAM  
QSNLLPNAHA VNFVDVNSPG FGLDPKTPME MLYHHVHRLN MSGPFGGAVS AASLTQMPAG  
NVFTTAEGLF STLPFPVYSN GIHAAQTLER KED

**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

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**Target:** NPAS3

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

**Background:** Neuronal PAS domain-containing protein 3 (Neuronal PAS3) (Basic-helix-loop-helix-PAS protein MOP6) (Class E basic helix-loop-helix protein 12) (bHLHe12) (Member of PAS protein 6) (PAS domain-containing protein 6),FUNCTION: May play a broad role in neurogenesis. May control regulatory pathways relevant to schizophrenia and to psychotic illness (By similarity).

## Target Details

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{ECO:0000250}.

Molecular Weight: 100.8 kDa

UniProt: [Q8IXF0](#)

## Application Details

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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

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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