

Datasheet for ABIN7549905  
**NR4A2 Protein (AA 1-598) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NR4A2
Protein Characteristics:	AA 1-598
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NR4A2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant NR4A2 Protein expressed in mammalian cells.
Sequence:	<p>MPCVQAQYGS SPQGASPASQ SYSYHSSGEY SSDFLTPEFV KFSMDLTNTE ITATTSLPSPF STFMDNYSTG YDVKPPCLYQ MPLSGQQSSI KVEDIQMHNY QQHSHLPPQS EEMMPHSGSV YYKPSSPPTP TTPGFVQVHS PMWDDPGSLH NFHQNYVATT HMIEQRKTPV SRLSLFSEFKQ SPPGTPVSSC QMRFDGPLHV PMNPEPAGSH HVVDGQTFVAV PNPIRKPASM GFPGLQIGHA SQLLDTQVPS PPSRGSPSNE GLCAVCGDNA ACQHYGVRTC EGCKGFFKRT VQKNAKYVCL ANKNCPVDKR RRRNCQYCRF QKCLAVGMVK EVVRTDSLKG RRGRLPSKPK SPQEPSPPSP PVSLISALVR AHVDSNPAMT SLDYSRFQAN PDYQMSGDDT QHIQQFYDLL TGSMEIIRGW AEKIPGFADL PKADQDLLFE SAFLELFVLR LAYRSNPVEG KLIFCNGVVL HRLQCVRGFG EWIDSIVEFS SNLQNMNIDI SAFSCIAALA MVTERHGLKE PKRVEELQNK IVNCLKDHVT FNNGGLNRPN YLSKLLGKLP ELRTLCTQGL QRIFYLKLED LVPPPAIDK LFLDTLPF <b>Sequence</b> <b>without tag. The proposed Purification-Tag is based on experiences with the expression</b> <b>system, a different complexity of the protein could make another tag necessary. In case you</b></p>

## Product Details

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**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:** NR4A2

**Alternative Name:** NR4A2 ([NR4A2 Products](#))

**Background:** Nuclear receptor subfamily 4 group A member 2 (Immediate-early response protein NOT) (Orphan nuclear receptor NURR1) (Transcriptionally-inducible nuclear receptor),FUNCTION: Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development (PubMed:17184956, PubMed:15716272). It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons (By similarity). {ECO:0000250|UniProtKB:Q06219, ECO:0000269|PubMed:15716272, ECO:0000269|PubMed:17184956}.

**Molecular Weight:** 66.6 kDa

## Target Details

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UniProt: [P43354](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Dopaminergic Neurogenesis](#), [Steroid Hormone Mediated Signaling Pathway](#)

## 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