

Datasheet for ABIN7563789
NR2C1 Protein (AA 1-590) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NR2C1
Protein Characteristics:	AA 1-590
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NR2C1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Nr2c1 Protein expressed in mammalian cells.
Sequence:	<p>MATIEEIAHQ IIDQQMGEIV TEQQTGQKIQ IVTALDHSTQ GKQFILANHE GSTPGKVFLT TPDAAGVNQL FFTSPDLSAP HLQLLTKESP DQGNKVF DL CVVCGDKASG RHYGAITCEG CKGFFKRSIR KNLVYSCRGS KDCVINKHHR NRCQYCRLQR CIAFGMKQDS VQCERKPIEV SREKSSNCAA STEKIYIRKD LRSPLAATPT FVTDSETARS AGLLDSGMFV NIHPGKITE PAMLMAPDKA ESCQGDSTL ASVVTSLANL GKAKDLSHCG GDMPVVQSLR NGDTSFGAFH HDIQTNGDVS RAFDTLAKAL TPGESSACQS PEEGMEGSPH LIAGEPSFVE KEGPLLSSEH VAFRLTMPSP MPEYLVNHYI GESASRLLFL SMHWALSIPS FQALGQENSI SLVKAYWNEL FTLGLAQCWQ VMNVATILAT FVNCLHSSLQ QDKMSPERRK SLMEHIFKLQ EFCNSMVKLC IDGHEYAYLK AIVLFSPDHP GLENMELIER FQEKAYVEFQ DYITRTPDD TYRLSRLLLLR LPALRLMNAT ITEELFFKGL IGNVRIDSVI PHILKMEPAD YNSQIIGHSL Sequence without tag.</p> <p>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</p>

Product Details

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: NR2C1

Alternative Name: Nr2c1 ([NR2C1 Products](#))

Background: Nuclear receptor subfamily 2 group C member 1 (Orphan nuclear receptor TR2) (Testicular receptor 2) (mTR2),FUNCTION: Orphan nuclear receptor. Binds the IR7 element in the promoter of its own gene in an autoregulatory negative feedback mechanism. Primarily repressor of a broad range of genes including ESR1 and RARB. Together with NR2C2, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat consensus sequences (By similarity). Also activator of OCT4 gene expression. Plays a fundamental role in early embryogenesis and regulates embryonic stem cell proliferation and differentiation. Mediator of retinoic acid-regulated preadipocyte proliferation. {ECO:0000250, ECO:0000269|PubMed:11463856, ECO:0000269|PubMed:12093744,

Target Details

ECO:0000269|PubMed:16130175, ECO:0000269|PubMed:16317770,
ECO:0000269|PubMed:17187077, ECO:0000269|PubMed:17389641,
ECO:0000269|PubMed:17431400, ECO:0000269|PubMed:17974920,
ECO:0000269|PubMed:19131575, ECO:0000269|PubMed:8530418,
ECO:0000269|PubMed:8858600, ECO:0000269|PubMed:9071982,
ECO:0000269|PubMed:9774688}.

Molecular Weight: 65.5 kDa

UniProt: [Q505F1](#)

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

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