Datasheet for ABIN7554786

NR2C1 Protein (AA 1-603) (His tag)

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Overview

Quantity:	1 mg
Target:	NR2C1
Protein Characteristics:	AA 1-603
Origin:	Human
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:	MATIEEIAHQ IIEQQMGEIV TEQQTGQKIQ IVTALDHNTQ GKQFILTNHD GSTPSKVILA RQDSTPGKVF LTTPDAAGVN QLFFTTPDLS AQHLQLLTDN SPDQGPNKVF DLCVVCGDKA SGRHYGAVTC EGCKGFFKRS IRKNLVYSCR GSKDCIINKH HRNRCQYCRL QRCIAFGMKQ DSVQCERKPI EVSREKSSNC AASTEKIYIR KDLRSPLTAT PTFVTDSEST RSTGLLDSGM FMNIHPSGVK TESAVLMTSD KAESCQGDLS TLANVVTSLA NLGKTKDLSQ NSNEMSMIES LSNDDTSLCE FQEMQTNGDV SRAFDTLAKA LNPGESTACQ SSVAGMEGSV HLITGDSSIN YTEKEGPLLS DSHVAFRLTM PSPMPEYLNV HYIGESASRL LFLSMHWALS IPSFQALGQE NSISLVKAYW NELFTLGLAQ CWQVMNVATI LATFVNCLHN SLQQDKMSTE RRKLLMEHIF KLQEFCNSMV KLCIDGYEYA YLKAIVLFSP DHPSLENMEQ IEKFQEKAYV EFQDYITKTY PDDTYRLSRL LLRLPALRLM NATITEELFF KGLIGNIRID SVIPHILKME PADYNSQIIG HSI **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.**

Product Details

	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:	NR2C1
Alternative Name:	NR2C1 (NR2C1 Products)
Background:	Nuclear receptor subfamily 2 group C member 1 (Orphan nuclear receptor TR2) (Testicular receptor 2),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. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat consensus sequences. Together with NR2C2, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription. Also activator of OCT4 gene expression. May be involved in stem cell proliferation and differentiation. Mediator of retinoic acid-regulated preadipocyte proliferation. {ECO:0000269|PubMed:12093804, ECO:0000269|PubMed:17010934}.

Target Details

Molecular Weight:	67.3 kDa
UniProt:	P13056
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

