

Datasheet for ABIN7554528

NR3C2 Protein (AA 1-984) (His tag)



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Overview

Quantity:	1 mg
Target:	NR3C2
Protein Characteristics:	AA 1-984
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NR3C2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NR3C2 Protein expressed in mammalian cells.
Sequence:	<p>METKGYHSLP EGLDMERRWG QVSQAVERS LGPTERTDEN NYMEIVNVSC VSGAIPNNST</p> <p>QGSSKEKQEL LPCLQDNNR PGILTSDIKT ELESKELSAT VAESMGLYMD SVRDADYSYE</p> <p>QQNQQGSMSAP AKIYQNVQL VKFYKGNHR PSTLSCVNTP LRSFMSDSGS SVNGGVMRAV</p> <p>VKSPIMCHEK SPSVCSPLNM TSSVCSPAGI NSVSSTTASF GSFPVHSPIT QGTPLTCSPN</p> <p>VENRGRSRHS PAHASNVGSP LSSPLSSMKS SISSPPSHCS VKSPVSSPNN VTLRSSVSSP</p> <p>ANINNSRCSV SSPSNTNNRS TLSSPAASTV GSICSPVNNA FSYTASGTSA GSSTLRDVVP</p> <p>SPDTQEKGAQ EVFPKTEEV ESAISNGVTG QLNIVQYIKP EPDGAFFSSC LGGNSKINS</p> <p>SSFSVPIKQE STKHSCSGTS FKGNPTVNP PFMDGSYFSF MDDKDYYSL GILGPPVPGF</p> <p>DGNCEGSGFP VGIKQEPDDG SYYPEASIPS SAIVGVNSGG QSFHYRIGA QGTISLSRSAR</p> <p>DQSFQHLSSF PPVNTLVESW KSHGDLSSRR SDGYPVLEYI PENVSSSTLR SVSTGSSRPS</p> <p>KICLVCGDEA SGCHYGVVTC GSCKVFFKRA VEGQHNYLCA GRNDICIIDKI RRKNCPACRL</p>

Product Details

QKCLQAGMNL GARKSKKLGK LKGIHEEQPQ QQQPPPPPPP PQSPEEGTTY IAPAKEPSVN
TALVPQLSTI SRALTPSPVM VLENIEPEIV YAGYDSSKPD TAENLLSTLN RLAGKQMIQV
VKWAKVLPGF KNLPLEDQIT LIQYSWMCLS SFALSWRSYK HTNSQFLYFA PDLVFNEEKM
HQSAMYELCQ GMHQISLQFV RLQLTFEEYT IMKVLLLLST IPKDGLKSQA AFEEMRTNYI
KELRKMVTKC PNNSGQSWQR FYQLTKLLDS MHDLVSDLLE FCFYTFRESH ALKVEFPAML
VEIISDQLPK VESGNAKPLY FHRK **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

NR3C2

Alternative Name:

NR3C2 ([NR3C2 Products](#))

Background:

Mineralocorticoid receptor (MR) (Nuclear receptor subfamily 3 group C member 2),FUNCTION: Receptor for both mineralocorticoids (MC) such as aldosterone and glucocorticoids (GC) such as corticosterone or cortisol. Binds to mineralocorticoid response elements (MRE) and transactivates target genes. The effect of MC is to increase ion and water transport and thus raise extracellular fluid volume and blood pressure and lower potassium levels.

Target Details

	{ECO:0000269 PubMed:3037703}.
Molecular Weight:	107.1 kDa
UniProt:	P08235
Pathways:	ACE Inhibitor Pathway , Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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