

Datasheet for ABIN7554788
NRIP1 Protein (AA 1-1158) (His tag)



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Overview

Quantity:	1 mg
Target:	NRIP1
Protein Characteristics:	AA 1-1158
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NRIP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NRIP1 Protein expressed in mammalian cells.
Sequence:	MTHGEELGSD VHQDSIVLTY LEGLLMHQAA GSGTAVDKK SAGHNEEDQN FNISGSAPFT CQSNPVLNT HTYQGSGMLH LKKARLLQSS EDWNAAKRKR LSDSIMNLNV KKEALLAGMV DSVPKQKQDS TLLASLLQSF SSRLQTVALS QQIRQSLKEQ GYALSHDSLK VEKDLRCYGV ASSHLKTLK KSKVKDQKPD TNLDPVTKNL IRDRFAESPH HVGQSGTKVM SEPLSCAARL QAVASMVEKR ASPATSPKPS VACSQLALLL SSEAHLQQYS REHALKTQNA NQAASERLAA MARLQENGQK DVGSYQLPKG MSSHLNGQAR TSSSKLMASK SSATVFQNPMM GIIPSSPKNA GYKNSLERNN IKQAANNSLL LHLLKSQTIP KPMNGHSHSE RGSIFEESST PTTIDEYSDN NPSFTDDSSG DESSYSNCVP IDLSCKHRTE KESDQPVSL DNFTQSLNNT WDPKVPDVDI KEDQDTSKNS KLNHQKVTL LQLLLGHKNE ENVEKNTSPQ GVHNDVSKFN TQNYARTSVI ESPSTNRTPP VSTPPLL TSS KAGSPINLSQ HSLVIKWNSP PYVCSTQSEK LTNTASNHSM DLTKSKDPPG EKPAQNEGAQ NSATFSASKL LQNLAQCGMQ SSMSVVEEQRP SKQLLTGNTD KPIGMIDRLN SPLLSNKTNA VEENKAFSSQ PTGPEPGLSG SEIENLLERR TVLQLLLGNP

Product Details

NKGKSEKKEK TPLRDESTQE HSERALSEQI LMVKIKSEPC DDLQIPNTNV HLSHDAKSAP
FLGMAPAVQR SAPALPVSED FKSEPVSPQD FSFSKNGLLS RLLRQNQDSY LADDSRSHR
NNEMALLESK NLCMVPKKRK LYTEPLENPF KKMKNIVDA ANNHSAPEVL YGSLNQEEL
KFSRNDLEFK YPAGHGSASE SEHRSWARES KSFNVLKQLL LSENCVRDLS PHRSNSVADS
KKKGHKNNVT NSKPEFSISS LNGLMYSSTQ PSSCMDNRTF SYPGVVKTTPV SPTFPEHLGC
AGSRPESGLL NGCSMPSEKG PIKWVITDAE KNEYEKDSR LTKTNPILYY MLQKGGNSVT
SRETQDKDIW REASSAESVS QVTAKEELLP TAETKASFFN LRSPYNHMG NNASRPHSAN
GEVYGLLGSV LTIKKESE **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

Target: NRIP1

Alternative Name: NRIP1 ([NRIP1 Products](#))

Background: Nuclear receptor-interacting protein 1 (Nuclear factor RIP140) (Receptor-interacting protein

Target Details

140),FUNCTION: Modulates transcriptional activation by steroid receptors such as NR3C1, NR3C2 and ESR1. Also modulates transcriptional repression by nuclear hormone receptors. Positive regulator of the circadian clock gene expression: stimulates transcription of BMAL1, CLOCK and CRY1 by acting as a coactivator for RORA and RORC. Involved in the regulation of ovarian function (By similarity). Plays a role in renal development (PubMed:28381549).

{ECO:0000250|UniProtKB:Q8CBD1, ECO:0000269|PubMed:10364267, ECO:0000269|PubMed:11509661, ECO:0000269|PubMed:11518808, ECO:0000269|PubMed:12554755, ECO:0000269|PubMed:15060175, ECO:0000269|PubMed:21628546, ECO:0000269|PubMed:28381549, ECO:0000269|PubMed:7641693}.

Molecular Weight: 126.9 kDa

UniProt: [P48552](#)

Pathways: [Intracellular Steroid Hormone Receptor 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