

Datasheet for ABIN7564532
NRIP1 Protein (AA 1-1161) (His tag)



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Overview

Quantity:	1 mg
Target:	NRIP1
Protein Characteristics:	AA 1-1161
Origin:	Mouse
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 GSGTAINKK SAGHKEEDQN FNLSGSAFPS CQSNQPTVST QTYQGSGMLH LKKARLLQSS EDWNAAKRKR LSDSIVNLNV KKEALLAGMV DSVPKQKQDS TLLASLLQSF SSRLQTVALS QQIRQLKEQ GYALSHESLK VEKDLRCYGV ASSHLKTLK KSKTKDQKSG PTLPDVTPNL IRDSFVESSH PAVGQSGTKV MSEPLSCAAR LQAVASMVEK RASPAASPKP SVACSQLALL LSSEAHLQY SREHALKTQN AHQVASERLA AMARLQENGQ KDVGSSQLSK GVGHLNGQA RALPASKLVA NKNNAAATFQS PMGVVPSSPK NTSYKNSLER NNLKQAANNS LLLHLLKSQT IPTPMNGHSQ NERASSFESS TPTTIDEYSD NNPSFTDDSS GDESSYSNCV PIDLSCKHRI EKPEAERPVS LENLTQSLLN TWDPKIPGVD IKEDQDTSTN SKLNHQKVT LLQLLLGHKS EETVERNASP QDIHSDGTFK SPQNYTRTSV IESPSTNRTT PVSTPPLYTA SQAESPINLS QHSLVIKWNS PPYACSTPAS KLTNTAPSHL MDLTGKESQ AEKPAPSEGA QNSATFSASK LLQNLAQCGL QSSGPGEER PCKQLLSGNP DKPLGLIDRL NSPLLSNKTN AAEESKAFSS QPAGPEPLP GCEIENLLER RTVLQLLGN

Product Details

SSKGKNEKKE KTPARDEAPQ EHSERAANEQ ILMVKIKSEP CDDFQTHNTN LPLNHDAKSA
PFLGVTPAIH RSTAALPVSE DFKSESPASQ DFSFSKNGLL SRRLLRQNPES YPADEQDKSH
RNSELPTLES KNICMVPKKR KLYTEPLENP FKKMKNTAVD TANHHSGPEV LYGSLLHQEE
LKFSRNELDY KYPAGHSSAS DGDHRWARE SKSFNVLKQL LLENCVVDL SPHRSDSVPD
TKKKGHKNNNA PGSKPEFGIS SLNGLMYSSP QPGSCVTDHR TFSYPMVKT PLSPPFPEHL
GCVGSRPEPG LLNGCSVPGE KGPIKWVIAD MDKNEYEKDS PRLTKTNPIL YYMLQKGGGN
SVTTQETQDK DIWREPASAE SLSQVTVKEE LLPAAETKAS FFNLRSYNS HMGNNASRPH
STNGEVYGLL GNALTIKKES E **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 repression by nuclear hormone receptors such as NR2C1, thyroid hormone receptor and retinoic acid receptor/RARA. Essential for cumulus expansion and follicle rupture during ovulation. Also controls the balance between fat accumulation and energy expenditure. 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 (PubMed:11100122). Plays a role in renal development (PubMed:28381549). {ECO:0000269|PubMed:10531331, ECO:0000269|PubMed:11100122, ECO:0000269|PubMed:15130509, ECO:0000269|PubMed:15155905, ECO:0000269|PubMed:15919748, ECO:0000269|PubMed:21628546, ECO:0000269|PubMed:28381549, ECO:0000269|PubMed:9774688}.

Molecular Weight: 126.3 kDa

UniProt: [Q8CBD1](#)

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