

Datasheet for ABIN7549871
NR0B1 Protein (AA 1-470) (His tag)



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Overview

Quantity:	1 mg
Target:	NR0B1
Protein Characteristics:	AA 1-470
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NR0B1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NR0B1 Protein expressed in mammalian cells.
Sequence:	<p>MAGENHQWQG SILYNMLMSA KQTRAAPEAP ETRLVDQCWG CSCGDEPGVG REGLLGGRNV ALLYRCCFCG KDHPRQGSIL YSMLTSAKQT YAAPKAPEAT LGPCWGCSCG SDPGVGRAGL PGGRPVALLY RCCFCGEDHP RQGSILYSLL TSSKQTHVAP AAPEARPGGA WWDRSYFAQR PGGKEALPGG RATALLYRCC FCGEDHPQQG STLYCVPTST NQAQAAPEER PRAPWWDTSS GALRPVALKS PQVVCEAASA GLLKTLRFVK YLPCFQVLPL DQQLVLRNC WASLLMLELA QDRLQFETVE VSEPSMLQKI LTRRRETGG NEPLPVPTLQ HHLAPPAEAR KVPSASQVQA IKCFLSKCWS LNISTKEYAY LKGTVLFPND VPGLQCVKYI QGLQWGTQOI LSEHTRMTHQ GPHDRFIELN STLFLLRFIN ANVIAELFFR PIIGTVSMDD MMLEMLCTKI 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 special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NR0B1
Alternative Name:	NR0B1 (NR0B1 Products)
Background:	<p>Nuclear receptor subfamily 0 group B member 1 (DSS-AHC critical region on the X chromosome protein 1) (Nuclear receptor DAX-1),FUNCTION: Orphan nuclear receptor. Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis. Acts as a coregulatory protein that inhibits the transcriptional activity of other nuclear receptors through heterodimeric interactions. May also have a role in the development of the embryo and in the maintenance of embryonic stem cell pluripotency (By similarity). {ECO:0000250}.</p>
Molecular Weight:	51.7 kDa
UniProt:	P51843
Pathways:	Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Intracellular Steroid

Target Details

Hormone Receptor Signaling

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