

Datasheet for ABIN7546759
NR2F2 Protein (AA 1-414) (His tag)



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Overview

Quantity:	1 mg
Target:	NR2F2
Protein Characteristics:	AA 1-414
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NR2F2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NR2F2 Protein expressed in mammalian cells.
Sequence:	<p>MAMVVSTWRD PQDEVPGSQG SQASQAPPVP GPPPGAPHTP QTPGQGGPAS TPAQTAAGGQ</p> <p>GPGGPGSDK QQQQHHIECV VCGDKSSGKH YGQFTCEGCK SFFKRSVRRN LSYTCRANRN</p> <p>CPIDQHHRNQ CQYCRLKKCL KVGMRREAVQ RGRMPPTQPT HGQFALTNGD PLNCHSYLSG</p> <p>YISLLLRAEP YPTSRFGSQC MQPNNIMGIE NICELAARML FSAVEWARNI PFFPDLQITD</p> <p>QVALLRLTWS ELFVLNAAQC SMPLHVAPLL AAAGLHASPM SADRVAFMD HIRIFQEQVE</p> <p>KLKALHVDSD EYSLKAIVL FTSDACGLSD VAHVESLQEK SQCALEEYVR SQYPNQPTRF</p> <p>GKLLRLPSL RTVSSSVIEQ LFFVRLVGKT PIETLIRDML LSGSSFNWPY MAIQ 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.</p>
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.

Product Details

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)
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Grade:	custom-made
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Target Details

Target:	NR2F2
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Alternative Name:	NR2F2 (NR2F2 Products)
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Background:	<p>COUP transcription factor 2 (COUP-TF2) (Apolipoprotein A-I regulatory protein 1) (ARP-1) (COUP transcription factor II) (COUP-TF II) (Nuclear receptor subfamily 2 group F member 2),FUNCTION: Ligand-activated transcription factor. Activated by high concentrations of 9-cis-retinoic acid and all-trans-retinoic acid, but not by dexamethasone, cortisol or progesterone (in vitro). Regulation of the apolipoprotein A-I gene transcription. Binds to DNA site A. May be required to establish ovary identity during early gonad development (PubMed:29478779). {ECO:0000269 PubMed:18798693, ECO:0000269 PubMed:1899293, ECO:0000269 PubMed:29478779, ECO:0000269 PubMed:9343308}.</p>
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Molecular Weight:	45.6 kDa
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UniProt:	P24468
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Pathways:	Steroid Hormone Mediated Signaling Pathway
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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