

Datasheet for ABIN7549924

NR2E3 Protein (AA 1-410) (His tag)



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Overview

Quantity:	1 mg
Target:	NR2E3
Protein Characteristics:	AA 1-410
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NR2E3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NR2E3 Protein expressed in mammalian cells.
Sequence:	<p>METRPTALMS STVAAAAPAA GAASRKESPG RWGLGEDPTG VSPSLQCRVC GDSSSGKHYG IYACNGCSGF FKRSVRRRLI YRCQVGAGMC PVDKAHRNQC QACRLKKCLQ AGMNQDAVQN ERQPRSTAQV HLDSMESNTE SRPESLVAPP APAGRSRPGP TPMSAARALG HHFMASLITA ETCAKLEPED ADENIDVTSN DPEFPSSPYS SSSPCGLDSI HETSARLLFM AVKWAKNLPV FSSLPFRDQV ILLEEAWSEL FLLGAIQWSL PLDSCPLLAP PEASAAGGAQ GRLTLASMET RVLQETISRF RALAVIDPTEF ACMKALVLFK PETRGLKDPE HVEALQDQSQ VMLSQHSKAH HPSQPVRFGK LLLLLPSLRF ITAERIELLF FRKTIGNTPM EKLLCDMFKN 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>
Characteristics:	Key Benefits:

Product Details

- 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: NR2E3

Alternative Name: NR2E3 ([NR2E3 Products](#))

Background: Photoreceptor-specific nuclear receptor (Nuclear receptor subfamily 2 group E member 3) (Retina-specific nuclear receptor),FUNCTION: Orphan nuclear receptor of retinal photoreceptor cells. Transcriptional factor that is an activator of rod development and repressor of cone development. Binds the promoter region of a number of rod- and cone-specific genes, including rhodopsin, M- and S-opsin and rod-specific phosphodiesterase beta subunit. Enhances rhodopsin expression. Represses M- and S-cone opsin expression.
{ECO:0000269|PubMed:15689355, ECO:0000269|PubMed:24069298}.

Molecular Weight: 44.7 kDa

UniProt: [Q9Y5X4](#)

Pathways: [Nuclear Receptor Transcription 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

Application Details

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