

Datasheet for ABIN7547088  
**DHCR7 Protein (AA 1-475) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DHCR7
Protein Characteristics:	AA 1-475
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DHCR7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat DHCR7 Protein expressed in mammalian cells.
Sequence:	<p>MAAKSQPNIP KAKSLDGVTN DRTASQGQWG RAWVDWFSL ASVIFLLLFA PFIVYYFIMA CDQYSCALTG PVVDIVTGAH RLSDIWAKTP PITRCAAQLY TLWVTFQVLL YTSLPDFCHK FLPGYVGGIQ EGAVTPAGVV NKYQINGLQA WLLTHLLWFA NAHLLSWFSP TIIFDNWIPL LWCANILGYA VSTFAMVKGY FFPTSARDCK FTGNFFYNYM MGIEFNPRIG KWDFDKLFFN GRPGIVAWTL INLSFAAKQR ELHSHVTNAM VLVNVLQAIY VIDFFWNETW YLKTIDICH HFGWYLGWGD CVWLPLYTL QGLYLVYHPV QLSTPHAVGV LLLGLVGYI FRVANHQKDL FRRTDGRCLI WGRKPKVIEC SYTSADGQRH HSKLLVSGFW GVARHFNYVG DLMGSLAYCL ACGGGHLLPY FYIIMAILL THRCLRDEHR CASKYGRDWE RYTAAPYRL LPGIF <b>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.</b></p>

## Product Details

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

DHCR7

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### Alternative Name:

DHCR7 ([DHCR7 Products](#))

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### Background:

7-dehydrocholesterol reductase (7-DHC reductase) (EC 1.3.1.21) (Delta7-sterol reductase) (Sterol Delta(7)-reductase) (Sterol reductase SR-2),FUNCTION: 7-dehydrocholesterol reductase of the cholesterol biosynthetic pathway reducing the C7-C8 double bond of cholesta-5,7-dien-3beta-ol (7-dehydrocholesterol/7-DHC) and cholesta-5,7,24-trien-3beta-ol, two intermediates in that pathway. {ECO:0000269|PubMed:25637936, ECO:0000269|PubMed:9465114, ECO:0000269|PubMed:9634533}.

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### Molecular Weight:

54.5 kDa

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### UniProt:

[Q9UBM7](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

## Application Details

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guarantee though.

Restrictions: For Research Use only

## Handling

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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