

Datasheet for ABIN7547111  
**HSD17B14 Protein (AA 1-270) (His tag)**



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## Overview

Quantity:	1 mg
Target:	HSD17B14
Protein Characteristics:	AA 1-270
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSD17B14 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinant HSD17B14 Protein expressed in mammalian cells.
Sequence:	MATGTRYAGK VVVTGGGRG IGAGIVRAFV NSGARVVICD KDESGGRALE QELPGAVFIL CDVTQEDDVK TLVSETIRRF GRLDCVNNA GHPPPQRPE ETSAQGFRQL LELNLLGTYT LTKLALPYLR KSQGNVINIS SLVGAIGQAQ AVPYVATKGA VTAMTKALAL DESPYGVRVN CISPGNIWTP LWEELAALMP DPRATIREGM LAQPLGRMGQ PAEVGAAAVF LASEANFCTG IELLVTGGAE LGYGCKASRS TPVDAPDIPS <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>

Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>
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## Product Details

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- 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
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## Target Details

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Target:	HSD17B14
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Alternative Name:	HSD17B14 ( <a href="#">HSD17B14 Products</a> )
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Background:	17-beta-hydroxysteroid dehydrogenase 14 (17-beta-HSD 14) (EC 1.1.1.62) (17-beta-hydroxysteroid dehydrogenase DHRS10) (Dehydrogenase/reductase SDR family member 10) (Retinal short-chain dehydrogenase/reductase retSDR3) (Short chain dehydrogenase/reductase family 47C member 1),FUNCTION: Has NAD-dependent 17-beta-hydroxysteroid dehydrogenase activity. Converts oestradiol to oestrone. The physiological substrate is not known. Acts on oestradiol and 5-androstene-3-beta,17-beta-diol (in vitro). {ECO:0000269 PubMed:17067289}.
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Molecular Weight:	28.3 kDa
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UniProt:	<a href="#">Q9BPX1</a>
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## 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 guarantee though.
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## Application Details

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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