

## Product datasheet

# Recombinant Human DECR1 protein ab105597

1 Image

### Description

<b>Product name</b>	Recombinant Human DECR1 protein	
<b>Purity</b>	> 90 % SDS-PAGE. ab105597 was purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<u><b>Q16698</b></u>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<p><b>MGSSHHHHHSSGLVPRGSHM</b></p> <p>NTEALQSKFFSPLQKAMLPPNSFQGKVAFITGGGTGLGK            GMTLLSSLGA            QCVIASRKMDVLKATAEQISSQTGNKVHAIQCDVRPDMV            QNTVSELIKV            AGHPNIVINNAAGNFISPTERLSPNAWKTTIDMLNGTAFVTL            EIGKQLI            KAQKGAAFLSITTYAETGSGFVVPASAKAGVEAMSKSL            AAEWGKYGMR            FNVIQPGPIKTKGAFSRLDPTGTFEKEMIGRIPCGR LGTVE            ELANLAAFL            CSDYASWINGAVIKFDGGEEVLISGEFNDLRKVTKEQWDTI            EELIRKTKG S</p>	
<b>Predicted molecular weight</b>	34 kDa including tags	
<b>Amino acids</b>	35 to 335	
<b>Tags</b>	His tag N-Terminus	

### Specifications

Our **Abpromise guarantee** covers the use of **ab105597** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
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	Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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## General Info

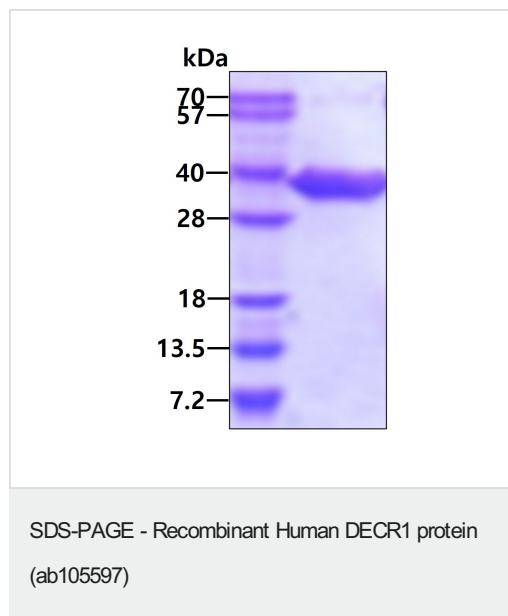
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<b>Function</b>	Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.
<b>Tissue specificity</b>	Heart = liver = pancreas > kidney >> skeletal muscle = lung.
<b>Sequence similarities</b>	Belongs to the short-chain dehydrogenases/reductases (SDR) family. 2,4-dienoyl-CoA reductase subfamily.
<b>Cellular localization</b>	Mitochondrion.

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## Images

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3µg by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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