

Datasheet for ABIN7559114  
**PTCD1 Protein (AA 1-695) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PTCD1
Protein Characteristics:	AA 1-695
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTCD1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Ptd1 Protein expressed in mammalien cells.
Sequence:	<p>MDLLRLSRLF SGPRPIGLSV LQHLDLVGST RWTGGREGPA RLRAAFCGSS SPLPLGSGNQ</p> <p>KEMSSLCSDS SKLSTVAPQE EAEESFGSL SGKFSSRRIF HKSTAQLYNL QLKEQGEEEE</p> <p>ELEPRPWRGR RNTQYWYFFQ CKRLIKEGKL AEALDLFERQ MLKEERLQPL ECNYTVLIGG</p> <p>CGRVGYLKKA FRLFNDMKKR DLEPSDATYT ALFNVCAESP WKDSALQSAL KLRQQLQARN</p> <p>FQLNLKTYHA LLKVAACAD LRLCLDVFE IIRGHAVTE ETFCFLLVGC IQDKKTGFRQ</p> <p>AMQVWRQMLS LGIKPSRHGY NLLLEAARDC GLGDPEVASR LLLTSQEETI LLPPPGRHM</p> <p>AGRKVQAKTV HGVSLRHVEA LERQLFLEPS QKLEGPPALP EARVTSRTQP EVETTAEPGH</p> <p>TVALTPLASK PTHLELEVSL LSLGTLSPAV VSFGTVATPA DRLALMGGLE GFLGKMTEHG</p> <p>LQPDIKTLTL LAEVVEPGST AESSLLSVLD RHRVEADVTF FNTLIRKKSK LGDLEGAKAL</p> <p>LPILAKKGIV PNLRTFCNLA IGCHRPRDGM QLLADMKKSQ VSPNIHIYST LINAALKKLD</p> <p>YTYLISILKD MRQNSVPVNE VVVRQLEFAA EYPPTFDTRYK GKNTYLEKID GFRAYYKQWL</p>

## Product Details

KAMPAEEAPH PWQEFQNKPV GDQDTTDKAG GLRDG **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.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

## Target Details

Target:	PTCD1
Alternative Name:	Ptcd1 ( <a href="#">PTCD1 Products</a> )
Background:	Pentatricopeptide repeat-containing protein 1, mitochondrial,FUNCTION: Mitochondrial protein implicated in negative regulation of leucine tRNA levels, as well as negative regulation of mitochondria-encoded proteins and COX activity. Affects also the 3'-processing of mitochondrial tRNAs. {ECO:0000250}.
Molecular Weight:	77.6 kDa
UniProt:	<a href="#">Q8C2E4</a>

## Application Details

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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Restrictions:	For Research Use only
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## 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