

Datasheet for ABIN7562773  
**PAX1 Protein (AA 1-446) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PAX1
Protein Characteristics:	AA 1-446
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAX1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Pax1 Protein expressed in mammalian cells.
Sequence:	<p>MKFTLGLGSR AWRVSWERAA AAAAGPGAGG ALGSGSLRVS SRRGPRLARA LPLCLSGGGG</p> <p>ARALPDCAGP SPRRSGARQL AGPRAMEQTY GEVNQLGGVF VNGRPLPNAI RLRIVELAQL</p> <p>GIRPCDISRQ LRVSHGCVSK ILARYNETGS ILPGAIGGSK PRVTPNVVK HIRDYKQGDP</p> <p>GIFAWEIRDRLADGVCDKY NVPSVSSISR ILRNKIGSLA QPGPYEASKQ PPPQPALPYN</p> <p>HIYQYPYPSP VSPTGTKMGT HPGVPGSAGH VSIPRSWPSA HVSNNILGIR TFMEQTGALA</p> <p>GSEGAAYSPK MEDWAGVNRA AFPTSPAVNG LEKPALEADI KYTQSASSLS AVGGFLPACA</p> <p>YPASNQHGVY SAPAAGYLSP GPPWPPAQAP PLTPHGAGVA VHGGELAAAM TFKHREGTDR</p> <p>KPPSPGGKAT DALGSLHGLP IPASTS <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>
Characteristics:	Key Benefits:

## Product Details

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- 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
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Grade:	custom-made
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## Target Details

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Target:	PAX1
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Alternative Name:	Pax1 ( <a href="#">PAX1 Products</a> )
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Background:	Paired box protein Pax-1, FUNCTION: This protein is a transcriptional activator. It may play a role in the formation of segmented structures of the embryo. May play an important role in the normal development of the vertebral column.
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Molecular Weight:	46.3 kDa
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UniProt:	<a href="#">P09084</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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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