

Datasheet for ABIN7553720  
**DPP10 Protein (AA 1-796) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DPP10
Protein Characteristics:	AA 1-796
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPP10 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat DPP10 Protein expressed in mammalien cells.
Sequence:	<p>MNQTASVSHH IKCQPSKTIK ELGSNSPPQR NWKGIAIALL VILVVCSLIT MSVILLTPDE LTNSSETRLS LEDLFRKDFV LHDPEARWIN DTDVVYKSEN GHVIKLNIEI NATLLLENT TFVTFKASRH SVSPDLKYVL LAYDVKQIFH YSYTASYVIY NIHTREVWEL NPPEVEDSVL QYAAWGVQGG QLIYIFENNI YYQPDIKSSS LRLTSSGKEE IIFNGIADWL YEEELLHSHI AHHWSPDGER LAFLMINDSL VPTMVIPRFT GALYPKGKQY PYPKAGQVNP TIKLYVVNLY GPTHLELMP PDSFKSREYY ITMVKWSNT KTVVRWLNRA QNISILTVEE TTTGACSKKY EMTSDTWLSQ QNEEPVFSRD GSKFFMTVPV KQGGRGFEHH VAMFLIQSKS EQITVRHLTS GNWEVIKILA YDETTQKIYF LSTESSRGR QLYSASTEGL LNRQCISCNF MKEQCTYFDA SFSPMNQHFL LFCEGPRVPV VSLHSTDNPA KYFILESNSM LKEAILKKKI GKPEIKILHI DDYELPLQLS LPKDFMDRNQ YALLLIMDEE PGGQLVTDKF HIDWDSVLID MDNVIVARFD GRGSGFQGLK ILQEIHRRLG SVEVKDQITA VKFLLKLPYI DSKRLSIFGK GYGGYIASMI</p>

## Product Details

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LKSDKLFKC GSVVAPITDL KLYASAFSER YLGMPskees TYQAASVLHN VHGLKEENIL  
IIHGTADTKV HFQHSaelik HLIKAGVNYT MQVYPDEGHN VSEKSKYHLY STILKFFSDC  
LKEEISVLPQ EPEEDE **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.**

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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

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## Target Details

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### Target:

DPP10

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### Alternative Name:

DPP10 ([DPP10 Products](#))

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### Background:

Inactive dipeptidyl peptidase 10 (Dipeptidyl peptidase IV-related protein 3) (DPRP-3) (Dipeptidyl peptidase X) (DPP X) (Dipeptidyl peptidase-like protein 2) (DPL2),FUNCTION: Promotes cell surface expression of the potassium channel KCND2 (PubMed:15454437). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed:15454437). Has no dipeptidyl aminopeptidase activity (PubMed:12662155). {ECO:0000269|PubMed:12662155, ECO:0000269|PubMed:15454437, ECO:0000269|PubMed:15671030}.

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### Molecular Weight:

90.9 kDa

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## Target Details

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UniProt: [Q8N608](#)

## 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.

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