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Datasheet for ABIN7564063  
**DPP10 Protein (AA 1-797) (His tag)**

## Overview

Quantity:	1 mg
Target:	DPP10
Protein Characteristics:	AA 1-797
Origin:	Mouse
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:	MKQEEQPTPG ARATQSQPAD QELGSNSPPQ RNWKGIAIAL LVILVCSLI TMSVILLTPD ELTNSSETRL SLEELLGKGF GLHNPEPRWI NDTVVVYKTN NGHVMKLNTE SNASTLLLDN STFVTFKASR HSLSPDLKYV LLAYDVKQIF HYSFTASYLI YNIHTGEVWE LNPPEVEDSV LQYAAWGVQG QQLIYIFENN IYYQPDIKSS SLRLTSSGKE GIIFNGIADW LYEEELLHSH IAHWWSPDGE RLAFLMINDS LVPNMIIPRF TGALYPKAKQ YPYPKAGQAN PSVKLYVVNL YGPTHLELM PPDIFKSREY YITMVKWVSN TRTVVRWLNLR PQNISILTLC ESTTGACSRK YEMTSDTWLS KQNEEPVFSR DGSKFFMTVP VKQGGRGFEH HIAMFLVQSK SEQITVRHLT SGNWEVIRIL AYDETTQKIY FLSTESSPQG RQLYSASTEG LLNRDCISCN FMKEDCTYFD ASFSPMNQHF LLFCEGPKVP VVSLHITDNP SRYFLENNNS VMKETIQKKK LAKRETRILH IDDYELPLQL SFPKDFMEKN QYALLLIMDE EPGGQMVTDK FHVDWDSVLI DTDNVIVARF DGRGSGFQGL KVLQEIHRR IGSVEAKDQVA AVKYLLKQPY IDSKRLSIFG KGYGGYIASM

## Product Details

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ILKSDEKFFK CGAVVAPISD MKLYASAFSE RYLGMPKSEE STYQASSVLH NIHGLKEENL  
LIIHGTADTK VHFQHSaelI KHLIKAGVNY TLQVYPDEGY HISDKSKHHF YSTILRFFSD  
CLKKEEVSVLP QEPEEDE **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 X) (DPP X),FUNCTION: Promotes cell surface expression of the potassium channel KCND2 (PubMed:22311982). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed:22311982). Has no dipeptidyl aminopeptidase activity (Probable). {ECO:0000250|UniProtKB:Q8N608, ECO:0000269|PubMed:22311982, ECO:0000305}.

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### Molecular Weight:

90.8 kDa

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### UniProt:

[Q6NXX7](#)

## 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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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