

Datasheet for ABIN7565288
DPP6 Protein (AA 1-804) (His tag)



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Overview

Quantity:	1 mg
Target:	DPP6
Protein Characteristics:	AA 1-804
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPP6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Dpp6 Protein expressed in mammalien cells.
Sequence:	<p>MNQTAGASNN VRCPPGKGHK ELVGSNPPQR NWKGIAIALL VILVICSLIV TSVILLTPAE DTLSLQKKKV TVEDLFSEDF KIHDPKAWI SNKEFIYRER KGSVILRNVE TNNSTVLIEG KKIESLRAIR YEISPDKEYV LFSYNVEPVY QHSHTGYVVL SKIPHGDPQS LDPPEVSNK LQYAGWGPKG QQLIFIFENN IYCAHVGKQ AIRVVSTGKE GVIYNGLSDW LYEEEEILKSH IAHWWSPDGT RLAYATINDS RVPLMELPTY TGSVYPTVKP YHYPKAGSEN PSISLHVIGL NGPTHLEMM PPDDPRMREY YITMVKWATS TKVAVTWLN R A QNVSILTL C DATTGVCTKK HEDESEAWLH RQNEEPVFSK DGRKFFFVRA IPQGGRGKFY HITVSSSQPN SSNDNIQSIT SGDWDVTKIL SYDEKRNIY FLSTEDLPRR RHLYSANTVD DFNROCLSCD LVENCTYVSA SFSHNMDFFL LKCEGPGVPT VTVHNTTDKR RMFDLEANEE VQKAINDRQM PKIEYRKIEV EDYSLPMQIL KPATFTDTAH YPLLLVVDGT PGSQSVTERF EVTWETVLVS SHGAVVVKCD GRGSGFQGTK LLQEVRRRLG FLEEKDQMEA VRTMLKEQYI DKTRVAVFGK DYGGYLSTYI</p>

Product Details

LPKGENQGG TFCGSALSP ITDFKLYASA FSERYLGLHG LDNRAYEMTK LAHRVSALED
QQFLIIHATA DEKIHFAQHTA ELITQLIKGK ANYSLQIYPD ESHYFHVSVAL KQHLSRSIIG
FFVECFRVQD KLPTATAKEE EEED **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:

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

DPP6

Alternative Name:

Dpp6 ([DPP6 Products](#))

Background:

Dipeptidyl aminopeptidase-like protein 6 (DPPX) (Dipeptidyl aminopeptidase-related protein) (Dipeptidyl peptidase 6) (Dipeptidyl peptidase IV-like protein) (Dipeptidyl peptidase VI) (DPP VI),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 (By similarity). {ECO:0000250|UniProtKB:P42658, ECO:0000269|PubMed:22311982}.

Molecular Weight:

91.3 kDa

Target Details

UniProt: [Q9Z218](#)

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.

Restrictions: For Research Use only

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