

Datasheet for ABIN7553741
DPP6 Protein (AA 1-865) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	DPP6
Protein Characteristics:	AA 1-865
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPP6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DPP6 Protein expressed in mammalian cells.
Sequence:	<p>MASLYQRFTG KINTSRSFPA PPEASHLLGG QGPEEDGGAG AKPLGPRAQA AAPRERGGGG</p> <p>GGAGGRPRFQ YQARSDGDEE DELVGSNPPQ RNWKGIAIAL LVILVICSLI VTSVILLTPA</p> <p>EDNSLSQKKK VTVEDLFSED FKIHDPEAKW ISDTEFIYRE QKGTVRLWNV ETNTSTVLIE</p> <p>GKKIESLRAI RYEISPDREY ALFSYNVEPI YQHSYTGYYV LSKIPHGDPQ SLDPPEVSNA</p> <p>KLQYAGWGPQ GQQLIFIFEN NIYYCAHVGK QAIRVVSTGK EGVYINGLSD WLYEEEEILKT</p> <p>HIAHWWSPDG TRLAYAAIND SRVPIMELPT YTGSIYPTVK PYHYPKAGSE NPSISLHVIG</p> <p>LNGPTHDEM MPPDDPRMRE YYITMVKWAT STKVAVTWLN RAQNVSILTL CDATTGVCTK</p> <p>KHEDESEAWL HRQNEEPVFS KDGRKFFIR AIPQGGRGKF YHITVSSSQP NSSNDNIQSI</p> <p>TSGDWDVTKI LAYDEKGNKI YFLSTEDLPR RRQLYSANTV GNFNRRQCLSC DLVENCTYFS</p> <p>ASFHSMDFD LLKCEGPGVP MVTVHNTTDD KKMFDLETNE HVKKAINDRQ MPKVEYRDIE</p> <p>IDDYNLPMQI LKPATFTDTT HYPLLLVVDG TPGSQSVAEK FEVSWETVMV SSHGAVVVKC</p> <p>DGRGSGFQGT KLLHEVRRRL GLLEEKDQME AVRTMLKEQY IDRTRVAVFG KDYGGYLSTY</p>

Product Details

ILPAKGENQG QTFTCGSALS PITDFKLYAS AFSERYLGLH GLDNRAYEMT KVAHRVSALE
EQQFLIIHPT ADEKIHFAQHT AELITQLIRG KANYSLQIYP DESHYFTSSS LKQHLYSII NFFVECFRIQ
DKLLTVTAKE DEEED **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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:15454437, PubMed:19441798). Modulates the activity and gating characteristics of the potassium channel KCND2 (PubMed:18364354). Has no dipeptidyl aminopeptidase activity (PubMed:8103397, PubMed:15476821). {ECO:0000269|PubMed:15454437,

Target Details

	ECO:0000269 PubMed:18364354, ECO:0000269 PubMed:8103397, ECO:0000305 PubMed:15476821}.
Molecular Weight:	97.6 kDa
UniProt:	P42658

Application Details

Application Notes:	We expect the protein to work for functional studies. 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