

# Recombinant Human DPP6 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** DPP6-304H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	DPP6 MS Standard C13 and N15-labeled recombinant protein (NP_001034439) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a single-pass type II membrane protein that is a member of the peptidase S9B family of serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Variations in this gene may be associated with susceptibility to amyotrophic lateral sclerosis and with idiopathic ventricular fibrillation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]
<b>Molecular Mass</b>	91.1 kDa
<b>AA Sequence</b>	MKEKAMIKTAKMQGNMELVGSNPPQRNWKGIAIALLVILVICSLIVTSVILLTPAEDN SLSQKKKVTVEDLFSDFKIHDPEAKWISDTEFIYREQKGTVRLWNVETNTSTVLIEG KKIESLRAIRYEISPDREYALFSYNVEPIYQHSYTGYYVLSKIPHGDPQSLDPPEVSNA KLQYAGWGPKGQQLIFIFENNIYYCAHVGVKQAIRVVSTGKEGVIYNGLSDWLYEEEEIL KTHIAHWWSPDGTRLAYAAINDSRVPIMELPTYTGSYIPTVKPYHYPKAGSENPSISL

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HVIGLNGPTHDLEMMPPDDPRMREYYITMVKWATSTKVAVTWLNRAQNVSILTLCD  
 ATTGVCTKKHEDESEAWLHRQNEEPVFSKDGRKFFFIRAIPQGGRGKFYHITVSSSQ  
 PNSSNDNIQSITSGDWDVTKILAYDEKGNKIYFLSTEDLPRRRQLYSANTVGNFNRQ  
 CLSCDLVENCTYFSASFHSMDFLLKCEGPGVPMVTVHNTTDKKKMFLETNEHV  
 KKAINDRQMPKVEYRDIEIDYLNPMQILKPATFTDTTHYPLLLVVDGTPGSQSVAEK  
 FEVSWETVMVSSHGAVVVKCDGRGSGFQGTLLHEVRRRLGLLEEKDQMEAVRT  
 MLKEQYIDRTRVAVFGKDYGGYLSTYILPAKGENQGQTFTCGSALSPITDFKLYASAF  
 SERYLGLHGLDNRAYEMTKVAHRVSALEEQQFLIHPHTADEKIHFAQHTAELITQLIRGK  
 ANYSLQIYPDESHYFTSSSLKQHLYRSIINFFVECFRIQDKLLVTAKEDEEEDTRTRP  
 LEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** DPP6 dipeptidyl-peptidase 6 [ Homo sapiens (human) ]

**Official Symbol** DPP6

**Synonyms** DPP6; dipeptidyl-peptidase 6; dipeptidylpeptidase 6, dipeptidylpeptidase VI; dipeptidyl aminopeptidase-like protein 6; DPPX; DPP VI; dipeptidylpeptidase 6; dipeptidyl peptidase 6; dipeptidylpeptidase VI; dipeptidyl peptidase VI; dipeptidyl peptidase IV-

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like protein; dipeptidyl peptidase IV-related protein; dipeptidyl aminopeptidase-related protein; dipeptidyl aminopeptidase IV-related protein; VF2; FLJ55680; MGC46605;

**Gene ID** 1804

**mRNA Refseq** NM\_001039350

**Protein Refseq** NP\_001034439

**MIM** 126141

**UniProt ID** P42658

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