# Recombinant Human DPP6, His-tagged

**Cat. No.** DPP6-12147H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human DPP6 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 120-353a.a. |
| **Description** | This gene encodes a single-pass type II membrane protein that is a member of the S9B family in clan SC of the 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. |
| **Storage** | The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

## GENE INFORMATION

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| **Gene Name** | DPP6 dipeptidyl-peptidase 6 [ Homo sapiens ] |
| **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-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 |
| **Chromosome Location** | 7q36.2 |
| **Function** | dipeptidyl-peptidase activity; serine-type peptidase activity; |

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