

Recombinant Human DPP6, His-tagged

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

SPECIFICATION

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°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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;