Recombinant Full Length Human DPP6 Protein, GST-tagged

Cat. No. DPP6-4126HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPP6 full-length ORF (1 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	180 amino acids
Description	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]
Molecular Mass	46.5 kDa
AA Sequence	MELAALGLSPCPRLLHAELLPGLLTVFSLRFLQDYGGYLSTYILPAKGENQGQTFTC GSALSPITDFKLYASAFSERYLGLHGLDNRAYEMTKVAHRVSALEEQQFLIIHPTADE KIHFQHTAELITQLIRGKANYSLQVQYACYSVLNLEQDIPFMEKDLTGVQGLLLQQTR LCCGGRC

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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UniProt ID	P42658

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