

Full-Length

DPP6 (Human) Recombinant Protein (P01)

Catalog # H00001804-P01

Size 50 ug

Specification

Product Description	Human DPP6 full-length ORF (1 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MELAALGLSPCPRLHAE LLPGLLTVFSLRFLQDYGGYLSTYLPKGENQGQTFTCGSALSPITDF KLYASAFSERYLGLHGLDNRAYEMTKVAHRVSALEEQQFLIIHPTADEKIHFAQHTAELITQLIRKAN YSLQVQYACYSVLNLEQDIPFMEKDLTGVQGLLLQQTRLCCGGRC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.5
Interspecies Antigen Sequence	Mouse (94)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DPP6

Entrez GeneID [1804](#)

GeneBank Accession# [AK126619.1](#)

Gene Name DPP6

Gene Alias DPPX, MGC46605

Gene Description dipeptidyl-peptidase 6

Omim ID [126141](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations dipeptidyl aminopeptidase IV-related protein|dipeptidyl aminopeptidase-like protein 6|dipeptidyl peptidase IV-related protein|dipeptidylpeptidase 6|dipeptidylpeptidase VI

Disease

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