

# Recombinant Human DPP6 Protein Variant 1

**Cat. No.** DPP6-2537H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Human DPP6 Protein is produced by HEK293T expression system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <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. |
| <b>Form</b>             | PBS buffer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 97 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## GENE INFORMATION

|                  |                                              |
|------------------|----------------------------------------------|
| <b>Gene Name</b> | DPP6 dipeptidyl-peptidase 6 [ Homo sapiens ] |
|------------------|----------------------------------------------|

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|---------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>Official Symbol</b>                                                                      | DPP6                                         |
| <b>Synonyms</b>                                                                             | DPP6; DPPX; DPP VI; VF2; FLJ55680; MGC46605; |
| <b>Gene ID</b>                                                                              | 1804                                         |
| <b>mRNA Refseq</b>                                                                          | NM_001039350                                 |
| <b>Protein Refseq</b>                                                                       | NP_001034439                                 |
| <b>MIM</b>                                                                                  | 126141                                       |
| <b>UniProt ID</b>                                                                           | P42658                                       |
| Purified recombinant protein DPP6 was analyzed by SDS-PAGE gel and Coomossie Blue Staining. |                                              |

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