

Recombinant Human DPP10 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. DPP10-212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPP10 MS Standard C13 and N15-labeled recombinant protein (NP_065919) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Mutations in this gene have been associated with asthma. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Molecular Mass	90.9 kDa
AA Sequence	MNQTASVSHHIKCQPSKTIKELGSNSPPQRNWKGIAIALLVVCSLITMSVILLTPDE LTNSSETRLSLEDLFRKDFVLHDPEARWINDTDVVYKSENGHVIKLNIENTNATLLLEN TTFVTFKASRHSVSPDLKYVLLAYDVKQIFHYSYTASYVIYNIHTREVVWELNPPEVED SVLQYAAWGVQGQQLIYIFENNIYYQPDIKSSSLRLTSSGKEEIIIFNGIADWLYEEELL HSHIAHWWSPDGERLAFLMINDSLVPTMVIPRFTGALYPKGKQYPYPKAGQMNPTIK

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LYVVNLYGPTHHTLELMPPDSFKSREYYITMVKWVSNTKTVVRWLNRAQNISILTVCE
 TTTGACSKKYEMTSDTWLSQQNEEPVFSRDGSKFFMTVPVKQGGRGEFHFIAMFLI
 QSKSEQITVRHLTSGNWEVIKILAYDETTQKIYFLSTESSPRGRQLYSASTEGLLNQR
 CISCNFMKEQCTYFDASFSPMNQHFLFCEGPRVPVSLHSTDNPAKYFILESNSML
 KEAILKKKIGKPEIKILHIDDYELPLQLSLPKDFMDRNQYALLIMDEEPGGQLVTDKFH
 IDWDSVLIDMDNVIVARFDGRGSGFQGLKILQEIHRRLG SVEVKDQITAVKFLKLPYI
 DSKRLSIFGKGYGGYIASMILKSDEKLFKCGSVVAPITDLKLYASAFSERYLGMPske
 ESTYQAASVLHNHVLKEENILIIHGTA DTKVHFQHSaelikHLIKAGVNYTMQVYPDE
 GHNVSEKSKYHLYSTILKFFSDCLKEEISVLPQEPEEDET RTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DPP10 dipeptidyl-peptidase 10 (non-functional) [Homo sapiens (human)]
Official Symbol	DPP10
Synonyms	DPP10; dipeptidyl-peptidase 10 (non-functional); dipeptidyl peptidase 10, dipeptidylpeptidase 10; inactive dipeptidyl peptidase 10; DPRP3; DPP X; DPRP-3; dipeptidyl peptidase X; dipeptidyl peptidase 10; dipeptidyl peptidase like protein 2;

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dipeptidyl peptidase-like protein 2; dipeptidyl peptidase IV-related protein 3; DPL2;
DPPY;

Gene ID [57628](#)

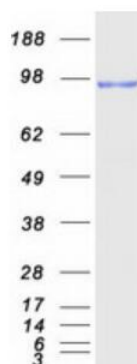
mRNA Refseq [NM_020868](#)

Protein Refseq [NP_065919](#)

MIM [608209](#)

UniProt ID [Q8N608](#)

SDS-PAGE



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