

## Product datasheet for **TP305435M**

### **DPP10 (NM\_020868) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dipeptidyl-peptidase 10 (DPP10), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205435 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNQTASVSHHIKCQPSKTIKELGNSPQRNWKGIAIALLVVCSLITMSVILLTPDELTSSETRLS  
LEDLFRKDFVLHDPEARWINDTDVYKSENGHVIKLNIETNATLLLENTTFVTFKASRHSVSPDLKYVL  
LAYDVKQIFHYSYASYVIYNIHTREWWELNPPEVEDSVLQYAAWGVQGGQLIYIFENNIYYQPDIKSSS  
LRLTSSGKEEIIFNGIADWLYEEELLHSHIAHWWSPDGERLAFLMINDSLVPTMVIPRFTGALYPKGKQY  
PYPKAGQMNPTIKLYVYNLYGPTHLELMPPDSFKSREYYITMVKWSNKTIVRVLNRAQNISILTVCE  
TTTGACSKKYEMTSWTLSQQNEEPVFSRDGSKFFMTVPVKQGGGRGEFHIIAMFLIQSKSEQITVRHLTS  
GNWEVIKILAYDETTQKIYFLSTESSPRGRQLYASTEGLLNRQCISCNFMKEQCTYFDASFPMNQHFL  
LFCEGPRVPVSLHSTDNPAKYFILESNSMLKEAILKKKIGKPEIKILHIDDYELPLQLSLPKDFMDRNQ  
YALLLIMDEEPGGQLVTDKFHIDWDSVLIDMDNVIVARFDGRGSGFQGLKILQEIHRRLLGSVEVKDQITA  
VKFLLKLPYIDSKRLSIFGKGYGGYIASMILKSDEKLFKCGSVAPITDLKLYASAFSERYLGMPSEES  
TYQAASVLHNVHGLKEENILIIHGTADTKVHFQHSaelikHLIKAGVNYTMQVYPDEGHNvSEKSKYHLY  
STILKFFSDCLKEEISVLPQEPEEDE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

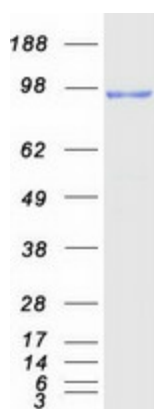
Tag:	C-Myc/DDK
Predicted MW:	90.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_065919</a>
<b>Locus ID:</b>	57628
<b>UniProt ID:</b>	<a href="#">Q8N608</a> , <a href="#">B2RCJ8</a>
<b>RefSeq Size:</b>	5253
<b>Cytogenetics:</b>	2q14.1
<b>RefSeq ORF:</b>	2388
<b>Synonyms:</b>	DPL2; DPPY; DPRP-3; DPRP3
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Protease, Transmembrane

### Product images:



Coomassie blue staining of purified DPP10 protein (Cat# [TP305435]). The protein was produced from HEK293T cells transfected with DPP10 cDNA clone (Cat# [RC205435]) using MegaTran 2.0 (Cat# [TT210002]).