

Product datasheet for TP305435

DPP10 (NM_020868) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dipeptidyl-peptidase 10 (DPP10), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205435 protein sequence Red=Cloning site Green=Tags(s)

MNQTASVSHHIKCQPSKTIKELGNSPQQRNWKGIAIALLVILVWCSLITMSVILLTPDELTSNSETRLS
LEDLFRKDFVLHDPEARWINDTDVYKSENGHVIKLNIEATNATLLLENTTFVTFKASRHSVSPDLKYVL
LAYDVKQIFHYSYASYVIYNIHTREWWELNPPEVEDSVLQYAAWGVQGGQLIYIFENNIYYQPDIKSSS
LRLTSSGKEEIIFNIGIADWLYEEELLHSHIAHWWSPDGERLAFLMINDSLVPTMVIPRFTGALYPKGKQY
PYPKAGQMNPTIKLYVWNLYGPTHLELMPPDSFKSREYYITMVKWSNTKTVVRWLNRAQNISILTVCE
TTTGACSKKYEMTSDTWLSQQNEEPVFSRDGSKFFMTVPVKQGGGRGEFHIIAMFLIQSKSEQITVRHLTS
GNWEVIKILAYDETTQKIYFLSTESSPRGRQLYASTEGLLNRQCISCNFMKEQCTYFDASFSPMNQHFL
LFCEGPRVPVWSLHSTDNPAKYFILESNSMLKEAILKKKIGKPEIKILHIDDYELPLQLSLPKDFMDRNQ
YALLLIMDEEPGGQLVTDKFHIDWDSVLIDMDNVIVARFDGRGSGFQGLKILQEIHRRLLGSVEVKDQITA
VKFLLKLPYIDSKRLSIFGKGYGGYIASMILKSDEKLFKCGSVAPITDLKLYASAFSERYLGMPSEES
TYQAASVLHNVHGLKEENILIIHGTADTKVHFQHSALIKHLIKAGVNYTMQVYPDEGHNVSEKSKYHLY
STILKFFSDCLKEEISVLPQEPEEDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

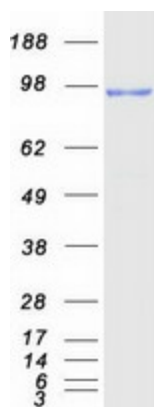
Tag:	C-Myc/DDK
Predicted MW:	90.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065919
Locus ID:	57628
UniProt ID:	Q8N608 , B2RCJ8
RefSeq Size:	5253
Cytogenetics:	2q14.1
RefSeq ORF:	2388
Synonyms:	DPL2; DPPY; DPRP-3; DPRP3
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. Mutations in this gene have been associated with asthma. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Protein Families:	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]).