

Product datasheet for **SC118887**

DPP10 (NM_020868) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DPP10 (NM_020868) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPP10
Synonyms:	DPL2; DPPY; DPRP-3; DPRP3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC118887 sequence for NM_020868 edited (data generated by NextGen Sequencing)

```

ATGAACCAAACCTGCCAGCGTGTCCCATCACATCAAGTGTCAACCCTCAAAAACAATCAAG
GAACTGGGAAGTAACAGCCCTCCACAGAGAACTGGAAGGGAATTGCTATTGCTCTGCTG
GTGATTTTAGTTGTATGCTCACTCATCACTATGTCAGTCATCCTTTAACCCAGATGAA
CTCACAAATTCGTCAGAAACCAGATTGTCTTTGGAAGACCTCTTAGGAAAGACTTTGTG
CTTCACGATCCAGAGGCTCGGTGGATCAATGATACAGATGTGGTGATAAAAAGCAGAAAT
GGACATGTCATTAACCTGAATATAGAAAACAATGCTACCACATTATTATTGGAAAACACA
ACTTTTGTAACTTCAAAGCATCAAGACATTCAGTTTCACCAGATTTAAAATATGTCCTT
CTGGCATATGATGTCAAACAGATTTTTTCATTATTCGTATACTGCTTCATATGTGATTTAC
AACATACACACTAGGGAAGTTTGGGAGTTAAATCCTCCAGAAAGTAGAGGACTCCGCTTG
CAGTACGCGCCCTGGGGTGTCCAAGGGCAGCAGCTGATTTATATTTTTGAAAATAATATC
TACTATCAACCTGATATAAAGAGCAGTTCATTGCGACTGACATCTCTGGAAAAGAAGAA
ATAATTTTAAATGGGATTGCTGACTGGTTATATGAAGAGGAACTCCTGCATTCTCACATC
GCCCACTGGTGGTCACCAGATGGAGAAAGACTTGCCTTCTGATGATAAATGACTCTTTG
GTACCCACCATGGTTATCCCTCGTTTTACTGGAGCGTTGTATCCCAAAGGAAAGCAGTAT
CCGTATCCTAAGGCAGGTCAAGTGAACCCAACAATAAAATTATATGTTGTAACCTGTAT
GGACCACTCACACTTTGGAGCTCATGCCACCTGACAGCTTTAAATCAAGAGAATACTAT
ATCACTATGGTTAAATGGGTAAGCAATACCAAGACTGTGGTAAGATGGTTAAACCGAGCT
CAGAACATCTCCATCCTCACAGTCTGTGAGACCACTACAGGTGCTTGTAGTAAAAAATAT
GAGATGACATCAGATACGTGGCTCTCTCAGCAGAATGAGGAGCCCGTGTCTTAGAGAC
GGCAGCAAATTTCTTATGACAGTGCCTGTTAAGCAAGGGGACGTGGAGAATTTACCAC
ATAGCTATGTTCTCATCCAGAGTAAAAGTGAGCAAATACCGTCCGGCATCTGACATCA
GGAAACTGGGAAGTGATAAAGATCTTGGCATAACGATGAAACTACTCAAAAATTTACTTT
CTGAGCACTGAATCTTCTCCAGAGGAAGCAGCTGTACAGTGTCTTACTGAAGGATTA
TTGAATCGCCAATGCATTTTATGTAATTTTATGAAAGAACAATGTACATATTTTATGATGC
AGTTTTTAGTCCCATGAATCAACATTTTCTTATTATTCTGTGAAGGTCCAAGGTCCCAGTG
GTCAGCCTACATAGTACGGACAACCCAGCAAAATATTTTATATTGGAAAGCAATTCTATG
CTGAAGGAAGCTATCCTGAAGAAGAAGATAGGAAAGCCAGAAATAAAATCCTTCATATT
GACGACTATGAACTTCTTTACAGTTGTCCTTCCCAAAGATTTTATGGACCGAAACCAG
TATGCTCTTCTGTTAATAATGGATGAAGAACCAGGAGCCAGCTGTTACAGATAAGTTC
CATATTGACTGGGATTCCGTAATCATTGACATGGATAATGTCATTGTAGCAAGATTTGAT
GGCAGAGGAAGTGGATTCCAGGGTCTGAAAATTTTGCAGGAGATTCATCGAAGATTAGGT
TCAGTAGAAGTAAAGGACCAATAACAGCTGTGAAATTTTGTGAAACTGCCTTACATT
GACTCCAAAAGATTAAGCATTTTTGGAAAGGGTTATGGTGGCTATATTGCATCAATGATC
TTAAAATCAGATGAAAAGCTTTTAAATGTGGATCCGTGGTTGCACCTATCACAGACTTG
AAATTGTATGCCTCAGCTTTCTCTGAAAGATACCTTGGGATGCCATCTAAGGAAGAAAGC
ACTTACCAGGCAGCCAGTGTGCTACATAATGTTTATGCTTGAAGAAGAAAATATATTA
ATAATTCATGAACTGCTGACACAAAAGTTCATTTCCAACACTCAGCAGAATTAATCAAG
CACCTAATAAAAAGCTGGAGTGAATTATACTATGCAGGTCTACCCAGATGAAGTCAATAAC
GTATCTGAGAAGCAAGTATCATCTCTACAGCAATCCTCAAATTTCTCAGTGATTGT
TTGAAGGAAGAAATATCTGTGCTACCACAGGAACCAAGAAAGATGAATAA

```

Clone variation with respect to NM_020868.3

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_020868.2](#), [NP_065919.2](#)

RefSeq Size: 4863 bp

RefSeq ORF: 2391 bp

Locus ID: 57628

UniProt ID: [Q8N608](#)

Cytogenetics: 2q14.1

Domains: Peptidase_S9, DPP1V_N_term

Protein Families: Druggable Genome, Protease, Transmembrane

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. Mutations in this gene have been associated with asthma. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) has an alternate 5' exon, as compared to variant 3. The resulting isoform (long, also referred to as DPL2-l) is slightly shorter and has a distinct N-terminus when compared to isoform c. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.