

Product datasheet for **SC321276**

DPP3 (NM_130443) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DPP3 (NM_130443) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPP3
Synonyms:	DPPIII
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_130443.2
 CCGAAGCAGGAAGTGAGTTTGCGAACGGAGCAGCTGCTGCAGGGCCCATGGCGGACACCC
 AGTACATCCTGCCCAATGACATCGGCGTGTCTAGCCTGGACTGCCGTGAGGCCTTCCGCC
 TGCTGTCAACACAGAGCGCCTCTATGCCTACCACCTGTCCCCTGCCGCTGGTACGGAG
 GCCTGGCTGTGCTGCTTACAGACCTCCCTGAGGCCCTACATCTATGCTCTGCTCAGCC
 GCCTCTTCCGCGCCAGGACCCGACCAGCTGCCCAACATGCCCTGGCTGAAGGCCTTA
 CCGAGGAGGAGTATCAGGCGTTCCTGGTCTATGCCGCGGGTGTACTCCAACATGGGCA
 ACTACAAGTCCTTTGGTGACACCAAGTTTGTTCCTCAACTTGCCCAAGGAAAAGCTGGAAC
 GGGTGATCCTAGGGAGTGAGGCTGCTCAGCAGCACCCAGAAGAAGTCAGGGGCTCTGGC
 AGACCTGCGGGGAGCTTATGTTCTCTGAGCAAGGCTTCGACACCTCGGACTGGGGA
 AGGAGGGAATCACCACCTATTTCTGGAATTGTACCATGGAAGATGCCAAATTGGCCC
 AGGACTTTCTGGACTCACAGAACCTCAGTGCCTACAACACCCGGCTTTCAAAGAGGTGCG
 ATGGAGAAGGGAAGCCCTACTACGAGGTGCGGCTGGCTTCTGTGCTTGGCTCAGAGCCTT
 CCCTGGACTCTGAGGTGACTTCCAAGCTGAAGAGCTATGAATCCGGGGAAGCCCTTCC
 AGGTGACCCGGGGGACTACGCGCCATCCTCCAGAAGTGGTGGAGCAGCTGGAGAAAAG
 CCAAGGCCTATGCAGCCAACAGCCACCAGGGGCAGATGCTGGCCAGTATATAGAGAGCT
 TCAACCCAGGGCTCCATCGAGGCCACAAGAGGGGCTCCCGCTTCTGGATCCAGGACAAAAG
 GCCCATCGTGGAGAGTTACATCGGGTTCATCGAGAGCTACCGGACCCCTTTGGTTCCC
 GAGGAGAAATTTGAAGTTTCGTAGCTGTGGTGAACAAGGCCATGAGTGCCAAGTTTGAGC
 GGCTGGTGGCGAGCGCAGAGCAGCTGCTGAAGGAGCTGCCCTGGCCCCAACCTTTGAGA
 AGGACAAGTTCCTCACCCCTGACTTACCTCCCTGGATGTTCTCACCTTCGCTGGCTCCG
 GCATCCCTGCCGCATCAACATCCCAACTACGATGATCTGAGGCAGACGGAAGGCTTTA
 AGAAGTGTGCTGCGTGGGGAATGTGCTGGCTGTGGCTACGCCACGCGGGGAGAAGCTTA
 CCTTTCTGGAGGAGGATGACAAGGACCTGTACCTCTGGAAGGGGCCCTCCTTCGATG
 TGCAGGTGGGCTGCACGAGCTGCTGGGCCATGGCAGTGCAAGCTTTCGTACAGGACG
 AAAAAGGAGCATTCAACTTTGACCAGGAAAACAGTGATCAACCCAGAGACGGGCGAGCAGA
 TTCAGAGCTGGTATCGGAGCGGGGAGACCTGGGATAGCAAGTTCAGCACCATCGCCTCCA
 GCTACGAAGAGTGCCGGGCTGAGAGCGTGGTCTCTACCTCTGTCTCCACCCGCAAGTGC
 TGGAGATCTTTGGCTTTGAGGGGCTGATGCGGAGGACGTGATCTACGTGAAGTGGCTCA
 ACATGGTTCGGGCCGGGCTGCTCGCTCTGGAGTCTACACACCTGAGGCCTTCAACTGGC
 GACAGGCCATATGCAGGCCCGTTTGTGATCCTGAGAGTCTTGTGGAGGCTGGCGAGG
 GACTCGTTACCATCACTCCACACAGGCTCCGATGGGCGCCAGATGCCCGGGTCCGCC
 TCGACCCGAGCAAGATCCGGTCTGTGGCAAGCCTGCTCTAGAGCGCTTCTGCGGAGAC
 TTCAGGTGCTGAAGTCCACAGGGGATGTGGCCGGAGGGCGGGCCCTGTACGAGGGGTATG
 CAACGGTCACTGATGCGCCCCCGAGTGTTCCTCACCTCAGGGACACGGTGTGCTGC
 GTAAGGAATCTCGGAAGCTCATTGTTACGCCAACACTCGCTTGAAGGCTCAGACGTGC
 AGCTTCTGGAATACGAGGCGTCAGCTGCTGGCCTCATCCGATCCTTCTCTGAGCGTTTCC
 CAGAGGATGGACCCGAGTTGGAGGAGATCCTCACACAGCTGGCCACAGCCGATGCCCGAT
 TCTGGAAGGGCCCCAGTGAGGCCCATCTGGCCAAGCTTGAAGGATGTGTGGCCTTGC
 CCCAATTCCATCAGACCAAGGCTGCAAGTGGCCCTCCATTTCGTGTGTATTTAGGGGC
 TGGGGAGGGGAGGGGCAAGGAGCTTGGACCTTGGTACTACCTCAGCTGAGGGTGGTGACA
 CAACCCCTTCCATTTGTGAGCACTTTCCAGCCTGCCAATTGCTTCCCCTCTGTGATCTCA
 TTTTCTGCACTGCCATACGTGGAGTGAGCAAGACAGGGCTTACCATCCTGTCTACCAG
 ATGAGGAAATGGCAGTTCTGAGAAGTCACTGGTCTAGATCCCGCAGGTGGCACGTGACAG
 CTAGGGTTCAAAACGTTCTACCAAAATCCAATGCTCCTCACATATTAATTTATAACCAG
 ACAATAAATATTAGAGACAACCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_130443

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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_130443.2 , NP_569710.2
RefSeq Size:	2697 bp
RefSeq ORF:	2214 bp
Locus ID:	10072
UniProt ID:	Q9NY33
Cytogenetics:	11q13.2
Domains:	Peptidase_M49
Protein Families:	Druggable Genome, Protease
Gene Summary:	<p>This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (2) uses an alternate acceptor splice site at a 5' non-coding exon compared to variant 1. Variants 1 and 2 encode the same isoform (1).</p>