

Product datasheet for **SC330478**

DPP3 (NM_001256670) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DPP3 (NM_001256670) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPP3
Synonyms:	DPPIII
Vector:	pCMV6-Entry (PS100001)



[View online »](#)

Fully Sequenced ORF: >SC330478 representing NM_001256670.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGGACACCCAGTACATCCTGCCAATGACATCGGCGTGTCTAGCCTGGACTGCCGTGAGGCCTTC
CGCCTGCTGTACCCACAGAGCGCCTCTATGCCTACCACCTGTCCCGTGCCGCTGGTACGGAGGCCTG
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CAGGACCCCGACCAGCTGCGCAACATGCCCTGGCTGAAGGCCTTACCGAGGAGGATCAGGAAAAG
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AACCTCAGTGCCTACAACACCCGGCTCTCAAAGAGGTGATGGAGAAGGGAAGCCCTACTACGAGGTG
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GCCGATGCCCGATTCTGGAAGGGCCCCAGTGAGGCCCATCTGGCCAAGCTTGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001256670

Insert Size: 2124 bp

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).

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:

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_001256670.1](#)

RefSeq Size: 3008 bp

RefSeq ORF: 2124 bp

Locus ID: 10072

UniProt ID: [Q9NY33](#)

Cytogenetics: 11q13.2

Protein Families: Druggable Genome, Protease

MW: 79.3 kDa

Gene Summary: 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]

Transcript Variant: This variant (3) lacks an in-frame coding exon compared to variant 1. This results in a shorter isoform (2) missing an internal protein segment compared to isoform 1.