

Product datasheet for **SC332532**

AMPD2 (NM_001257360) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AMPD2 (NM_001257360) Human Untagged Clone
Tag:	Tag Free
Symbol:	AMPD2
Synonyms:	PCH9; SPG63
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332532 representing NM_001257360.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAGAAATCGTGGCCAGGGCCTCTCCGCCTGCGGAGCCGCTGCTTCTGCATCAGTCACTCCCGCTG
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Restriction Sites: SgfI-MluI
ACCN: NM_001257360
Insert Size: 2640 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:	<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:	<u>NM_001257360.1</u>
RefSeq Size:	4138 bp
RefSeq ORF:	2640 bp
Locus ID:	271
UniProt ID:	<u>Q01433</u>
Cytogenetics:	1p13.3
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Purine metabolism
MW:	100.7 kDa
Gene Summary:	<p>The protein encoded by this gene is important in purine metabolism by converting AMP to IMP. The encoded protein, which acts as a homotetramer, is one of three AMP deaminases found in mammals. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]</p> <p>Transcript Variant: This variant (4) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 4 both encode the same isoform (1).</p>