

Product datasheet for **SC337965**

AGTPBP1 (NM_001286717) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AGTPBP1 (NM_001286717) Human Untagged Clone
Tag:	Tag Free
Symbol:	AGTPBP1
Synonyms:	CCP1; CONDCA; NNA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286717, the custom clone sequence may differ by one or more nucleotides

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ATGCGGACAGGTTCCGCCGCTCCAGCGCCGCCGCGCAGCTGCCGCCGCCGCCCTCCGCCCTCGCCTG
CCACCGGGGTTTGTATGAAAACACCGGGCGGGCGGGGAGGGATCCGCCGTGATCCAGGTGCTGAGCC
GGGTGCTGCGGCTCTGCGCGGTCCCGCCAGCGCCCATCCTGAGCCGCCTTACCAATAATTCTAGGATC
GTAGGACTCCTGGCTCAACTGGAGAAGATCAATGCTGAGCCTTCAAGATCAGACTGCCGATATGTTA
CATCAAAAATTCTTCATCTGGCTCAGAGTCAAGAAAAACAAGGAGAGAAATGACAGCCAAAGGTTCTAC
AGGAATGGAAATCTGCTGTCAACATTAGAGAACAAAAAGATCTTCAAACACTTAATATCTTAAGC
ATTCTTGTGAGCTGGTGTGAGTGGTGGAGGTCGAAGAGTGAGTTTCTAGTCACCAAAGTGGTTCAC
AAATATTGTTGCAGTTACTTATGAATGCCAGCAAGAATCTCCCCACATGAGGACTTAATGGTACAGAT
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GAGAACATATCTTAAAGGAGATGAAGGTGAAAAGAAGTCTACCTTTATGGATCTAGCAAAAAGAAGATA
TTAAAGATAATGATAGAACATTACAACAGCAGCCAGGTGATCAAATAGAATTTTCATCAGTCCATGG

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TTTAAACAATGATATTGTAAAGGCCTTGGACCGAATTACATTGCAGAATATTCTTCTCAAACAGCCCCA
GGTTTTACTGCAGAAATGAAGAAGGACTGCAGTCTTCTTACTGTCCTTACCTGTGCTAAAGCATGTC
CACACATGGCTACTTGTGGAAATGTTCTGTTTGGAGGAAGAACAGTTCAGCTAGGGAAGCTTTGCTGCAC
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CCTGATGGACCAACTCCATGACCCAGACCTCTATATTGAGATTGTGAAAAATACGAAGTCTGTCCCAG
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GAGCTTACGAGAACTTATATTTTTAAAATTGTCCTATGTTAAATCCAGATGGTGTCAATGGAAT
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CAATTTACCATGCTAAGGGGCTGTTGCAATACTGGCTGCAGTGAAGCGTTTACCTTGGTTTATTGTGA
TTATCATGGCCATTCCCGAAAAGAAGATGATTTATGTATGGTTGCAGCATCAAAGAGACAGTGTGGCAT
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CCTCGATTCTTGAAGAAGTTGATTACAGTGCAGAAAGTAAATGATGAGTTAGATATTGAGTTGGCTGAAA
ATGTAGGAGATTATGAACCTTCTGCTCAAGAAGAAGTACTTTCTGACTCTGAATTATCAAGAACATACCT
ACCTTGA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001286717

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:	<u>NM_001286717.1, NP_001273646.1</u>
RefSeq Size:	4371 bp
RefSeq ORF:	3717 bp
Locus ID:	23287
UniProt ID:	<u>Q9UPW5</u>
Cytogenetics:	9q21.33
Protein Families:	Protease
Gene Summary:	<p>NNA1 is a zinc carboxypeptidase that contains nuclear localization signals and an ATP/GTP-binding motif that was initially cloned from regenerating spinal cord neurons of the mouse. [supplied by OMIM, Jul 2002]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in an isoform (c) that is shorter than isoform a.</p>