

Product datasheet for **RG209238**

AGTPBP1 (NM_015239) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AGTPBP1 (NM_015239) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	AGTPBP1
Synonyms:	CCP1; CONDCA; NNA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG209238 representing NM_015239 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

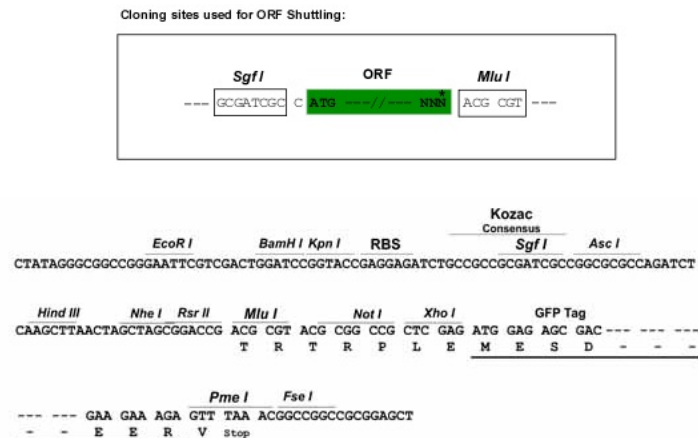
Protein Sequence: >RG209238 representing NM_015239
Red=Cloning site Green=Tags(s)

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LSTLENTKDLQTTNLISILVELVSAGGRRVSFLVTKGGSQILLQLLMNASKEPPHEDLMVQIHSILA
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

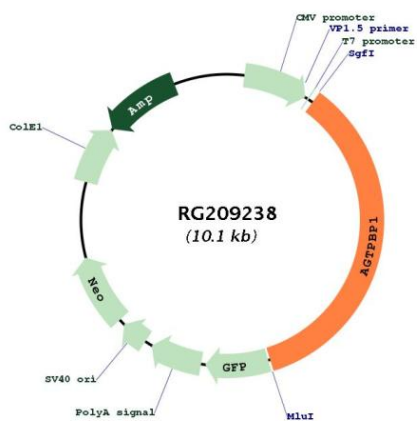


ACCN: NM_015239

ORF Size: 3558 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_015239.2
RefSeq Size:	4220 bp
RefSeq ORF:	3561 bp
Locus ID:	23287
UniProt ID:	Q9UPW5
Cytogenetics:	9q21.33
Domains:	Zn_carbOpept
Protein Families:	Protease
Gene Summary:	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]

Product images:



Circular map for RG209238