

Product datasheet for **MG204531**

Acrbp (BC011079) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acrbp (BC011079) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Acrbp
Synonyms:	sp32, OY-TES-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204531 representing BC011079 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGAATCTAGCTGCTGGCTTCCTTCTGATGCTTCTGGAAGTCTGCTCCTGCCTGGAACACCTCTTT
CCGCTGAGGAATCTCCAGCCTCCACTCCAGGCAGCCCTCTCTCGTCCACTGAGTATGAACGCTTCTTCGC
CCTGCTGACCCCAACCTGGAAGGCAGAGACCACCTGCCGCCTCCGTGCCACCCACGGTCCCGAACCCC
ACTCTCGTTCAGTTGGATCAATATGAAAACCACGGATTGGTACCAGATGGTGCTGTCTGCTCCGATCTCC
CTTATGCTTCCTGGTTTGAGTCCTTCTGCCAGTTTGTCTAGTATCGTTGCTCCAACCATGTCTACTATGC
CAAGAGGGTCCGGTGCTCCCAGCCCGTCTCCATCCTATCCCCAACACTCTCAAGGAGGTGGAGTCTTCA
GCAGAAGTTCTCCCACTTCCATGACCACCCCAATTGTGTCCCATGCCACAGCCACAGAACCAGGCGCT
TCCAGCCTTGGCCTGAGCGGCTCAACAACAACGTGGAGGAGCTGCTGCAGTCATCCTTGTCCCTGGGAGG
CAAGGACCAACAGAGCAGTCCGAGACCAGGCCAGGAGCAGCGCAAGCAGGAGCAGATCCAAGAACAATAAG
CTAGAAGAAGCGCAGGAGCAAGAAGAGCAGGAAGAAGAGGAGGAGGAGGAAGCAAGCAGGAAGAGG
GGCAGGGGACAGAGGCGGGTCTGGAGTCAGTGTCCAGGCTGCAGTCAGACTCAGAGCCCAAGTTTCAATC
CCAGTCACTGTCTTCAACCCGTCCTTCTTCACTCCCCGGTCCGAGAGGTGGAGTCTGCTCCATTGATG
ATGAAGAATATCCAGGAGCTCATTCCGGTCTGCCAGAAATGGATGAAATGAATGAATGACTGTATGATGACT
CCTGGAGAAGCCAAAGCACTGGCAGGTACAGGAAATTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204531 representing BC011079
 Red=Cloning site Green=Tags(s)

MMNLAAGFLLMLLEVLLLPGTPLSAEESPASTPGSPLSSTEYERFFALLTPTWKAETTCLRATHGCRNP
 TLVQLDQYENHGLVPDGAVCSDLPLYASWFESFCQFAQYRCSNHVYAKRVRCSSQPVSILSPNTLKEVESS
 AEPVPTSMTPPIVSHATAHQAFQWPWERLNNNVEELLQSSLSLGGKDQQSSRRPGQEQRKQEQIQEHK
 LEEAQEQEEQEEEEEEAKQEEOGQTEAGLESVSRQLQSDSEPKFQSQSLSSNPSFFTTPRVREVESAPLM
 MKNIQELIRSAQEMDEMNELYDDSWRSQSTGRYRKL

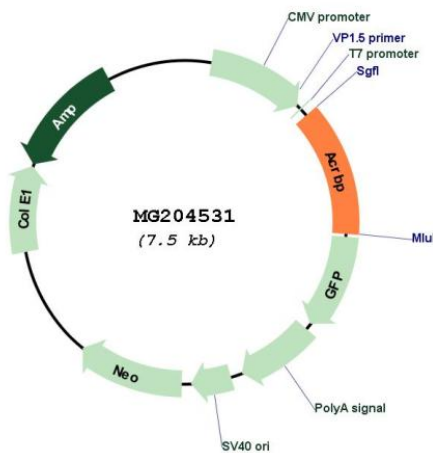
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC011079

ORF Size: 950 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:	<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:	BC011079 , AAH11079
RefSeq Size:	1524 bp
RefSeq ORF:	950 bp
Locus ID:	54137
Cytogenetics:	6 F2
Gene Summary:	May be involved in packaging and condensation of the acrosin zymogen in the acrosomal matrix via its association with proacrosin.[UniProtKB/Swiss-Prot Function]