

Product datasheet for **RG223562**

ATRIP (NM_130384) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATRIP (NM_130384) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ATRIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG223562 representing NM_130384
 Red=Cloning site Blue=ORF Green=Tags(s)

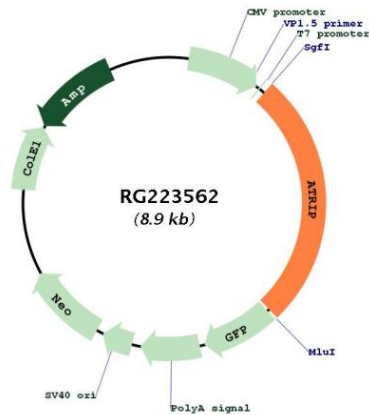
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGGACCTCCGCGCCAGGCAGCAAGAGGCGGAGCGAGCCCCGGCGCCTCGCCCCGGCCCGCCG
 CGGGCACCGGGCACCCCCGAGCAAGCGGGCCCGGGCTTCTCCGACCGCTGCCCCGACCCCTGACGA
 CCCGTTCCGGCGGCATGGGGACTTCACTGCCGACGACCTGGAGGAGCTTGACACCCTCGCGTCACAGGCC
 CTGAGCCAATGTCCGGCCGCGGCTCGGGACGTGTCCAGTGATCATAAGGTCCACAGATTATTAGATGGCA
 TGTCAAAAAATCCTTCAGGGAAAAACAGAGAACTGTTCCAATTAAGATAATTTGCAATTAGAGGTA
 TCAGGCACAATACAAAGAACTTAAAGAAAAGATGAAAGTAAATGGAAGAAGATTCTCATTAAAGATGGA
 GAAATTAATTTTGGGAGACTCACTACATCAGACGGAATCCGTTCTAGAGGAACAGAGAAGATCACATT
 TTCTTCTTGAGCAAGAGAAAACCAAGCACTCAGTGACAAGGAAAAGGAATTCCTAAAAAGCTCCAATC
 ATTGCAGTCTGAACTCCAGTTTAAAGATGCAGAGATGAATGAATTAAGGACAAAGCTCCAGACCAGTGAA
 CGAGCAAATAAACTGGCTGCTCCCTCTGTTTCCCATGTCAGTCTAGGAAAAACCCCTTCTGTGGTTATAA
 AGCCAGAAGCATGTTCTCCACAATTTGGAAAAACATCTTTTCTACAAAGGAGTCTTTTAGTGCTAACAT
 GTCCTTCCCCACCCCTGCCAGACGGAGTCAGGATACAAGCCTCTGGTGGGCAGAGAGGATAGTAAGCCC
 CACAGTCTGAGAGGTGACTCCATAAAACAAGAAGAGGCCAGAAAAGCTTTGTTGACAGCTGGAGACAGA
 GATCAAACACTCAAGGTTCCATTTTGATAAACCTGCTCCTGAAGCAGCCTTTGATCCCAGGGTCATCCCT
 AAGCCTTTGCCACCTCCTGAGTAGTAGTCTGAGTCTCCTGCTGGCACCCCTGCAGCCACCAGGGTTT
 GGCAGTACCTTGCTGGAATGTCAGGCCCTCAGGACCACAGGTTCTTATGATGGGTCAATTTCCCTCTCAG
 CCCTGAGAGAAGCACAGAACCTGGCATTCACTGGACTGAATCTGGTTGCCCGAATGAGTGCTCACGTGA
 TGGAGACCCAGCAGAGGGAGGCAGAAAGGCCTTCCACTCTGCCAGCTTCTGGAGCCGTGCATTTCCCTC
 CCCCTTGTACAGTTCTTATCGGCTTACTGCCAGGCCCTGCAGGACTTGGCAGCTGCTAAGAGAAGCG
 GAGCACCTGGGGACTCACCGACACATTCCTCCTGCGTGAGCTCTGGGGTAGAGACCAACCCTGAGGACTC
 AGTGTGCATCCTGGAAGGCTTCTCTGTGACTGCACTTAGCATTCTTACGACCTGGTGTGCCACAGCGGA
 GCAGTCGTCTCCCTATTACTGTCAGGAGTGGGGCAGATTCTGCTGCTGGGAAGGAAACAGGAGCCTGG
 TTCACAGGCTTAGTGATGGAGATATGACCTCAGCCCTAAGGGGGTTGCTGATGACCAAGGACAGCACCC
 ACTGTTGAAGATGCTTCTCACCTGTTGGCTTTCTTCTGTCAGCAACAGGTCACCTTCAAGCCAGTGTC
 CTGACCCAGTGCCTTAAGTTTTGGTGAATAGCCGAAAACACTTCTGTGATTTCTTGCCAGGTTCC
 AGTGTGTGTTCCAAGTGCTGCCAAAGTGCTCAGCCAGAGACACCCCTGCCTAGCGTGCTGCTGGCTGT
 TGAGCTCCTCTCCCTGCTGGCGGACCACGACCAGCTGGCACCTCAGCTCTGTTCCCACTCAGAAGGCTGC
 CTCTGCTGCTGTACATGTACATCACATCACGGCCTGACAGAGTGGCCTTGGAGACACAATGGCTCC
 AGCTGGAACAAGAGGTGGTGTGGCTCCTGGCTAAGCTTGGTGTGCAGAGCCCTTGCCCCAGTCACTGG
 CTCCAAGTCCAGTGTAATGTGGAGGTGGTCAGAGCGCTCACGGTGATGTTGCACAGACAGTGGCTGACA
 GTGCGGAGGGCAGGGGGACCCCAAGGACCGACCAGCAGAGGCGGACAGTGGCTGTCTGCGGGACACGG
 TGCTGCTGCTGCACGGCCTATCGCAGAAGGACAAGCTTTCATGATGACTGCGTGGAGGTCCTGCATCA
 GTTTGACCAGGTGATGCCGGGGTCAGCATGCTCATCCGAGGGCTTCTGATGTGACGGACTGTGAAGAG
 GCAGCCCTGGATGACCTCTGTGCCGCGGAAACCGATGTGGAAGACCCCGAGGTGGAGTGTGGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

- 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_130384.3](#)
- RefSeq Size:** 2509 bp
- RefSeq ORF:** 2376 bp
- Locus ID:** 84126
- UniProt ID:** [Q8WXE1](#)
- Cytogenetics:** 3p21.31
- Gene Summary:** This gene encodes an essential component of the DNA damage checkpoint. The encoded protein binds to single-stranded DNA coated with replication protein A. The protein also interacts with the ataxia telangiectasia and Rad3 related protein kinase, resulting in its accumulation at intranuclear foci induced by DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2012]

Product images:



Circular map for RG223562