

Product datasheet for **MC200564**

Azi2 (NM_013727) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Azi2 (NM_013727) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Azi2
Synonyms:	AA410145; AZ2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC006851 sequence for NM_013727
 GCCGCCCTGAGCGGGCAGCGGGCCCGGCGACCCCGGAGTTGACGCGCGTGCTGCTGGGTAACGGGCC
 TGTTCCGGCGGCCCGGGCCGCCCTGCTCGGTTCTCTGTGACCTCCAGGGCCCTGACTGCGGGAGCC
 GCGGCGGAAGACATGGGACTCCCTCGGTGCACCTGTGACGGCCACCTTGACGGGGGAAGCGGTGGCGTCT
 TCGAGGAAACCGAAGCCCGTGGTGACCCTGGCGACCCGGTTTGTTCAGCCGGCTTCAAACACTGG
 GGAAGCGAAACCCGGTGGCCTTGGGACCGCCCTACGTAGCCAGGGTTCAGGCTGCCATGGACACGCTAG
 TAGAAGATGACATCTGCATTCTGAATCATGAAAAGGCCACAGGAGAGAGGCAGTGACTCCACTCTCAGC
 GTACCCTGGAGATGAGTCTGTTGCTTCCATTTGCGACTGGTCACTGCTTATGAAGACATCAAAAAGAGG
 CTGAAGGATTCAGAGAAAAGAACTCCTTCTTAAAGAAAAGAATCAGGGCTTTGGAAGAAAAGCTTGTTG
 GAGCTCGAGCAGATGAAGAAACAAGTTCTGTGGGCCGAGAACAAGTGAATAAGGCCTATCATGCATATCG
 TGAGGTTTGCAATTGATAGAGACAATCTGAAGAACCAATTGAAAAAGATAAATAAGACAACCTCTGAATCT
 TTGAAAATGTTGAATGAGCAGCTACAGTCTAAAGAAGTAGAACTTCTGCAGCTAAGAACAGAGGTGGAGA
 CTCAGCAGGTGATGAGGAATTTAAACCCACCCTCATCCAGCTGGGAGGTGGAGAAGCTAAGCTGTGACTT
 GAAGATCCATGGTTTGGAGCAAGAGCTGGGACTACTGAGGAAGGAGTGCAGTGACCTCAGGACAGAGCTG
 CAGAAGGCCAGACAGACGGGTCCACCTCAGGAAGACATTTCTGCAGGCAGAGATGTCATCAGGCCGAGCT
 TGTCGAGAGAAGAGCATGTTCCACACCAGGGTCTTACCACAGTGATAATATGCAACATGCATACTGGGA
 ACTGAAGAGGGAGATGTCTAACTTACACCTGGTACTCAAGTGC AAGCAGAACTACTAAGAAAAC TGAAA
 ACCTCAGCTGCAGTCAAGAAAGCCTGTACCCAGTAGGATGTGTTGAAGACCTTGGGAGAGACAGCACGA
 AATTGCACTTGACAAAATTTACTGCAACTTACAAAAGACATCCCTCTTTGTCAACCAATGGCAAAGCTCC
 TTGTTATGCTCCGCTTCCCTTTACCAGGAGATAGAAAGGTTTTCTCAGACAAAGCAGTTCTTCAGTCA
 TGGACAGATAACGAGAGATTGGTTCCATGACGGTGCAGACTTCCAGAGCACAGCTCCTATGGGAGAA
 ATCTCTGGAAGATAATTCCTGGGTATTCCTCAAGCCCTCCTAAATCAAGTGAGACAGCATTGGTGAAAA
 TAAAAGCAAATCTTACCTTTATCCAACCTGCCCACTGCATTACCTGGATCAACAGAACTTGGTGAAGTGC
 CTTTACAAAAGTTAATTTCACTTGTGATTTGATCAGGAAGACACGGACTCAGGGGTTCTCCAAGAGATT
 GTTCAAAC TGAAAGTGGACTTTGATTGATGGCTTGTGCAGTTCTCCAGTATGTACATTTGTACATTTCTGT
 ATAACTATATATGTAATTTGATTTTCCAGTATGGGAACCTCCAGTTGTACCTTTGATAACAATTATACA
 TTTTTGCTTCTGGATAGAGTGGAAATGAAAATTTTAGGCATGGTTTTATAAAGTATGTGACCTGCCTAA
 ATATCCAATCATTAAATAAAAAGCAGCCTTTAGTATAAAAAGAAAAACATGTCTGCTGGTTAGATTGTA
 TCAAGAAGCAAGTAAAGTAGGTTGAGCTTCTGTAATTCCTGATACATAAAGATTTGAAATATAATGGA
 ATAAAAGTAGGTTATGACATCTCTATGCTATTGTTCAAGTTTTAAGATTTAAAATCATTTTTAAGTAAA
 ATGTTTGTATATACAAAATTTAAAGTGAATTTGAATTCTAAGACTTGAATTAATGACTATTGAAGCCAAC
 TTTTTCCAGTATATTTAAATCCTAAATAGTTAAAATGATGTGGTATGTGAATAAACTATTATAACCTT
 ATACAATGTCCAGTTAAAAGAAGAAAGAGCATCTCACAGGGCAGTCTCTTCAGTGATGTGTAGTGAACCT
 CCCGTGTGGTCATTTTACGACAGGACAGCTATTTGTTTTACACAGAGCAGCTTACACACTGTTAGATATGA
 CATTTGAGAAAAGTAAATGCTAATTAGCTGCATCTAGAATAAACTCTGTGCTGTACAATTGTGAAATATC
 CCAACTCATTCTAAGTGCCCAATCACTTGTAAATAAGTAAAGAAATAACAAAGATGGCTTCATGTGGAAA
 TTCATCTAAATTTTTTCAAGGTGGAAGCATTAAAGATATTAGTAATCATGTATTACCTGTTTGTATGTAAG
 AAGACTTTATCCTTTTCTAAGTGCCATTTTATGTATCTTGAATTCAGAGGATCTCTGACCTTGTATCACT
 GAATAGAATGCATAGCCAGGCACTGTTCACTGTTGAGTTATCTCAGTCACTTACTCATGCCTGTCCGTGA
 TTAATGGAATTGATGTCAGATGCTGGAATGTGTTCTGACCAATGAACACAGCTGACTCGAGGGAGTACAG
 GCTCCTGCCAAGTAAACAGCAAGACCCAAATATGCATAAAAACAAATACACAAGCCAGGCTCTAGCTGAA
 GGCCTAACTGACTGTGTAATAAGAAAGCAAACGCAGTTCTCGTGTGACTGCGGAGGCTGTCCATCATCT
 TAGGACTGATGAGCTTACTGGTTTGTCTTTTTTCAAACCAAGATGAGAAGTTTTCTTTTGTAAAGAGAG
 TCTTATAATGTTTTGAACAATGCCAAGAAATTGTTTTAATTAATTAATTTTTGTTTTTAAAATGGAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_013727
Insert Size: 1218 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:	BC006851 , AAH06851
RefSeq Size:	3022 bp
RefSeq ORF:	1218 bp
Locus ID:	27215
UniProt ID:	Q9QYP6
Cytogenetics:	9 F3
Gene Summary:	<p>Adapter protein which binds TBK1 and IKBKE playing a role in antiviral innate immunity. Activates serine/threonine-protein kinase TBK1 and facilitates its oligomerization. Enhances the phosphorylation of NF-kappa-B p65 subunit RELA by TBK1. Promotes TBK1-induced as well as TNF-alpha or PMA-induced activation of NF-kappa-B. Participates in IFNB promoter activation via TICAM1.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein (isoform a). Variants 1 and 4 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>