

Product datasheet for **SC123064**

ZNF499 (ZBTB45) (NM_032792) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF499 (ZBTB45) (NM_032792) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF499
Synonyms:	ZNF499
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_032792 edited
GTGGGGCGCGGGCAATGGAGCAGAGTATGGGAGAACGCGCTCGGAGTAAAGCACACGGCG
CGGCGAAGGCGTGGCGGGAGTGTGCGGCGCCGGACCCGGGAAGCTGGCCTGGGCGCCGGG
TCTCGAGTGCAGGCCTTTGTTCTGAAGTGTCCAGGCCGGCCTTGCGGCGTCCGGACTGAG
GAATGGAGCCCGTCGCGGGGCGGGGCGGAAAGGAAGTTCAAGTCTCTCGGGTTGATGC
GCAAGTTTCCGTCCCATCGGCCGGACAGATTAGAATCCTTTTCAGGTGCTAGATGGCGGC
TGCAGAGGCTGTGCATCACATACACCTGCAGAACTTCTCACGCTCTCTGCTTGAGACCT
CAATGGGCAGAGGCTTGGGGGACACTTCTGTGAGGTGACTGTGCGCATTGTTGAAGCTTC
GCTGCGTGCCACCCTGCGTGCTGGCGGCCGGCTCACCTTCTTCCAAGACAAGCTGCT
GCTCGGCCACTCTGAGATCCGTGTGCCTCCGGTGGTCCCGCGCAGACAGTGCACAGCT
GGTAGAGTTCTGTACAGCGGTTGCTCGTTGTGGCGCAGGGTGAAGCCCTGCAGGTGCT
CACGGCCGCTCAGTCTTGCATACAGACAGTTATCGACGAATGCACGCAGATTATCGC
CCGCGCTCGAGCCCCGGGCACCTCTGCGCCACGCCCTGCCACCCTGTGCCCGCCG
ACTCGACCTGCGCAGCTGCGTACCCTGCGCCACCTGCTGGTGCACGTCCCCCGGG
GCACCCCGGTGCTGCACACAGCCGTAAGCAGCGCCAGCCGCGGTTTGCAGTGCACGC
GCCCCAAACACCTGCCAAGGCTGAGGGGCTGATGCTGACCCCTACTGTCCGCGGCCCC
TGATGACCGAGGTGACGAGGATGACGAGGAAAGTGACGATGAGACCGATGGCGAGGATGG
CGAAGGTGGCGGCCAGGCGAGGGCCAGGCACCTCCTTCTTCCAGACTGTGCTGCTGG
CTTCTACTGCTGCTGCTGACAGCGCTGCGAGGAGCCCTGCACCCACTGGCCTCGC
TGACTACAGTGGTGGCGGGAGAGATTTTCTTGGGGAGCTGGGTGAGTGCAGGACGATTT
TCCAGACAGCTATGTATCCACTTGGCACGACGAGGATGGCGCTGTCCCGAAGGCTGTCC
CACTGAGACCCCTGTCCAGCCGACTGCATACTGTCTGGATCCCGCCCGCCTGGTGTGAA
GACCCCAAGGGCCCGGTTGCACTTCCCTTTCACTTGGGTGCCCTGGGCCACCCCGC
ACCACCCCTTACGACCATCGGGGCCAGCCCTGCGCCCCACCCGCTTCTACCCAC
ACTCCAGCCGAGGCAGCCCCAGTACTCAGCTGGGGAGGTCCCGGCTCCCTCTGCTGC
TCCACCACGGCCCCCTCAGGCACCCCTGCTCGCACCCAGGTGCTGAGCCACCTACGTA
TGAGTGCAGCCACTGTGCAAGACGTTTCACTCCCGGAAAAACTACACCAAGCACATGTT
CATCCACTCGGGGGAGAAGCCGACCAAGTGCAGCGTGTGCTGGCGATCCTTCTCTACG
CGACTACCTGCTCAAACACATGGTACGCACACCCGGCGTGGCGCCTTCCAGTGCGCCGT
CTGCGCAAGCGCTTACGCAGAAGAGCTCGCTCAACGTGCACATGCGCACTCACCGGCC
CGAGCGCGGCCCTGCCCGCTGCGGCAAGGTCTTCTCGCACCCGCGCTGCTGGAGCG
CCACCTGGCGGGCACCCCTGCGCCCTGATGGCGCTGGGGCTGGCCTCGCCACGGTGA
TCCGGGGCTCCCGCACAGTCCGGCCACGCCGCTGCGGGACCCGTTGGTCCCGCCACTAG
ACCACGCTCCCTCCTGAGCGCAGGTCTCTCTCTCCCTTACCCTTTCTCCATACAGGG
CCTAAGTCCGCTTACTCCTCTCCTCATGTACTTGAACCCTCCAGGTGGTGGCGGGCTG
GGGCTGGGGCTGGTTAGACCACTTCTGAGAACTGGACTATTTCTGCGTAAACCGGGCGC
TCAGGCGCTTGGACCCGGCCCAAGATTTGACTCCGTTCTACCCCGCCTCTCTGGGG
TGGTGGTGGGGCTGGGGGGCCGCTTGCCTGCCCCAGGGTCAAGCTGGGCAAGGTCCCTA
GCTCTTACCCAAGCTGTTACTCCCTCATGGGGCGCCTAAGGAGACTCAAGTGGACCCAT
CATATATGGGGGCTGGGCTCGGACTCTCGCTTAATAAAGGACTGTAGGCCATGGGGC
CTAAACCACGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032792 unedited GACGTTTAGGATTTGNTATACGACTTACTATAGGGCGGCCGATTCCCGGGNTATCGTC GACCCACGCGTCCGGTGGGGCGCGGCAATGGAGCAGAGTATGGGAGAACGCGCTCGGAG TAAAGCACACGGCGCGGCAAGGCGTGGCGGGAGTGTGCGGCGCCGGACCCGGGAAGCTG GCCTGGGCGCCGGTCTCGAGTGCAGGCCTTTGTCTGAAGTGTCCAGGCCGGCCTTGCG GCGTCGGGACTGAGGAATGGAGCCCGTCGCGGGCGGGGCGGAAAGGAAGTTCAAGTC TCTCGGTTGATGCGCAAGTTTCCGTCCCATCGGCCGACAGATTAGAATCCTTTTCAGG TGCTAGATGGCGGCTGCAGAGGCTGTGCATCACATACACCTGCAGAACTTCTCACGCTCT CTGCTTGAGACCCTCAATGGGCAGAGGCTTGGGGACACTTCTGTGACGTGACTGTGCGC ATTCGTGAAGCTTCGCTGCGTGCCACCCTGCGTGTGGCGGCCGGCTCACCTTCTTC CAAGACAAGCTGCTGCTCGGCCACTCTGAGATCCGTGTGCTCCGGTGGTCCCCGCGCAG ACAGTGCACAGCTGGTAGAGTTCTGTACAGCGGTTTCGCTCGTTGTGGCGCAGGGTGAA GCCCTGCANGTGTCCACGCCGCGTCAGTGCTTCGCATACAGACAGTTATCGACGAATGC ACGCAGATTATCGCCCGCTCGAGCCCGGGCACCTCTGCGCCACGCNCCTGCCACC CCTGTGCCCGCCACTCGCACCTGCGCAGCTGCGTCACCGNCTCGCCACCTGTGGCT GCACGTCCCCCGGGCACCCCGGTGCTGCACACAGCCGTAAAGAGCGCCAGCCCGCGCT TTGCAGCTGCCAGCGCCCC
Restriction Sites:	Please inquire
ACCN:	NM_032792
Insert Size:	2393 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:	NM_032792.2 , NP_116181.1
RefSeq Size:	2393 bp
RefSeq ORF:	1536 bp
Locus ID:	84878
UniProt ID:	Q96K62
Cytogenetics:	19q13.43
Protein Families:	Transcription Factors

Gene Summary:

May be involved in transcriptional regulation (Probable). In the central nervous system, may play a role in glial cell differentiation (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All six variants encode the same protein.