

Product datasheet for **SC320534**

N4BP3 (NM_015111) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	N4BP3 (NM_015111) Human Untagged Clone
Tag:	Tag Free
Symbol:	N4BP3
Synonyms:	LZTS4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_015111.1
 GGCGATCGAGCGCCGCGAGCGCGTCCCTCCCTCGCCAATCCGGCTCCGGCGCCGGCGCC
 CGCCCGCGTTCCTCCGCGCCTGCCGCTCCGCCGCTCCGACCCGGCAGCAGTCCCGGCC
 CGAGCCGACGCCCTTGACGAGGGTTCAAATCCGCGCGGGGAGCTGCGACGCGCAAGGGC
 TGCGGAGCCGCGGGCCGCGAGCGCGTCCGCCACCATGAAGCAGCTGCCTGTACCTGTTG
 AAATTCATGGCCACAGCCCCAGGCCCTGCTGGCATTGCCATGGGCAGCGTGGGCAGCCT
 GTTGGAACGGCAGGACTTCTCCCTGAAGAGCTGCGGGCGGCACCTTGCCGGGTCTCGGG
 CTCCCGCCAGCCTGATGGGCTCCTCCGGAAGGGCTTGGGCCAGCGTGAGTTCCTCAGCTA
 CCTGCACCTCCCCAAGAAGGACAGCAAGAGCACCAAGAACACCAAGCGGGCCCTCGGAA
 CGAGCCTGCCGACTATGCCACCCTCTACTACCGGGAACATTCTCGCGCGGGTGACTTCAG
 CAAGACCTCGCTGCCAGAACGGGGTCGCTTTGACAAGTCCCGCATTGCCCCCTCAGTGTT
 CAAGCCTACGGCGGGCAACGGGAAAGGCTTCTATCCATGCAAAGCCTGGCGTCCACAA
 AGGCCAGAAGCTGTGGCGCAGCAATGGCAGCCTGCACACGCTGGCCTGCCACCCGCCCT
 GAGCCCCGGGGCCAGGCCAGCCAGGCCGGGCACAGCTGCTGCACGCCCTCAGCCTAGA
 TGAGGGCGGGCCTGAGCCCGAGCCAGCCTGTCCGACTCCTCAGTGGGGGTAGTTTGG
 TCGCAGTCTGTGACTGGCCCTAGCCCCCTCAGCTCCTCCCTTGCCACCTTAACCACT
 CGGGGGCTCCCTGGACCGGGCCTCTCAAGGACCAAGGAGGCTGGGCCACCAGCTGTGCT
 GAGCTGCCTGCCGAGCCACCACCCCTACGAGTTCTCCTGCTCCTCTGCCGAGGAAAT
 GGGAGCCGTGCTGCCGAGACCTGTGAGGAGCTCAAGAGGGGCTTGGCGATGAGGACGG
 CTCCAACCCCTTACGCGAGGTGCTGGAGGAGCGCCAGCGGCTGTGGCTGGCTGAGTGAA
 GCGCCTGTATGTGGAGCGGCTGCACGAGGTGACCCAGAAGGCTGAGCGCAGCGAGCGAA
 CCTCCAGCTGCAGCTGTTATGGCTCAGCAGGAGCAGCGGCGCTGCGCAAGGAGCTGCG
 GGCTCAGCAGGGCCTGGTCCGAGCCTCGGGCCCCGGCACCTCCAGAGGCTGACCC
 CAGTGACAGACCAGAGGAGGAAGCCGATGGGAGGTGTGCCAGAAGACAGCAGAGATTAG
 CCTCTTGAAGCAGCAGCTGCGTGAAGCCAGGCGGAACTGGCCCAGAAGCTGGCGGAGAT
 CTTCAGTCTGAAGACACAATTGCGGGCAGCCGGGCACAAGCCCAGGCTCAGGACGAGAG
 GCTGGTCCGGCTGCGCGAGGCTGTGCGCAGCCTGCAGGAGCAGGCCCTCGGGAGGAAGC
 CCCAGGCAGCTGTGAGACTGATGACTGCAAGAGCAGGGGCTGCTAGGGGAGGCAGGAGG
 CAGCGAGGCCAGAGCAGTGCTGAGCAGCTGCGGGCTGAGCTGCTGCAGGAGCGACTTCG
 GGGCCAGGAGCAGGCGCTGCGCTTTGAGCAGGAGCGGCGGACTTGGCAGGAGGAGAAGGA
 GCGCGTGCTGCGTACCAGCGGGAGATCCAGGGAGGGTACATGGACATGTACCGCCGCAA
 CCAGGCACTGGAGCAGGAAGTGCAGGCACTGCGGGAGCCCCCACACCCTGGAGTCCCCG
 GCTCGAGTCTCCAAGATCTGAGGCCAGCAGAGCGAGCTGACAGCAGCAACTGTGAGA
 AGGTGCCCTGAGACGGCCGGCTCAGCCTTCCCTTGCACTGGTTGGGGTGGAACCTGCAGA
 GGCCAGCCCGGGCTGGGGAGGCGCAAGGAGAGGAGGGATCCAGTGGGGCCGTGGGCTGG
 GTAGGGTGCCCTTGGCAGGAGCCAGGACAAGGCCCTCCTGGCAGAGGAGCACCTAGGCAGG
 GCCCAGCCCTGCTTCTGGAGTGGATGTGGCCAGAGAAGGAGGCTGGGGGATCACCAGC
 CCCAAGGTCCCGAAGGGCAGGTCAGAGGGAGAGAGGCTGGAGACCTGGGCTGGGGCCTTC
 CTCCAGGGAAGGAGGCTGGGGTGGGAACACTGGCCTCCCCCAGAATAAAACCATGTTTTT
 TAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_015111

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_015111.1</u> , <u>NP_055926.1</u>
RefSeq Size:	5987 bp
RefSeq ORF:	1635 bp
Locus ID:	23138
UniProt ID:	<u>O15049</u>
Cytogenetics:	5q35.3
Gene Summary:	Plays a role in axon and dendrite arborization during cranial nerve development. May also be important for neural crest migration and early development of other anterior structures including eye, brain and cranial cartilage.[UniProtKB/Swiss-Prot Function]