

Product datasheet for **SC100956**

N4BP1 (NM_153029) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	N4BP1 (NM_153029) Human Untagged Clone
Tag:	Tag Free
Symbol:	N4BP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_153029, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGGCCGGCGGTGCTGGACGAGTTCACTGCGCCAGCTGAGAAGGCGGAGCTGCTGGAGCAGAGCC
GCGGCCGTATCGAGGGCCTGTTTGGCGTGAGCCTAGCCGTGCTCGGCGCGCTAGGGGCTGAGGAGCCGCT
GCCCAGCGCATCTGGCTGCAGCTCTGCGGGGCGCAGGAGGCGGTGCACAGCGCCAAGGAATATATTTAAA
GGAATCTGTGAACCTGAACCTAGAAGAAAGAGAATGTTACCCCAAGGACATGCACTGCATTTTTTGTGGGG
CAGAGAGCCTGTTTCTGAAAAGCTTGATTCAAGGATACTTGTGCTGACCTCTGCATTCTGGACATTGGCCT
TCTTGGCATCAGAGGAAGTGCTGAGGCTGTGGTCATGGCTAGGAGTCACATTCAACAATTTGTAAGCTC
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TTGAAGCCCATGCAGACAATTACACAATGGATTTGTTGATTTTGGCCACTTCCTTGAAAAAGAATTTT
GACACTCACACAAGGTGAGGAGAATCTCTTGAACAGGAGATGATGAGGTTATTGAAATGAGAGATTCT
CAACAAACAGAGTTTACACAGAATGCTGCCACAGGGCTGAATATTTCTAGAGATGAACTGTTTTGCAGG
AAGAGGCAAGAAATAAGCTGGGACTCCTGTTTCTGAGCTTACAAACAAATGGACACAGTCCTTTCTAG
CTCACCAGATGTCTTTTTGATCCAATAAATGGTCTAACCCAGATGAAGAGGCACCTTCCAATGAGAGA
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CATGGTCTGAAAAAGTTCTTTTCTGTCTGGAATTGCAATTGCAGTTGAATATTTTGGAGCTTGGCA
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AGCCCCCTTCAAGCCACTGGCTCCCTCAGCAGCCCCACTTCCCACTGCTGCCAGCCCTCCCAAGTCTCCAG
CAGAACCTGCCCATGCCAGCTCAGAGATCTTCTGCAGAAACCAACGAGCTGAGGGAGGCCCTTCTGAAGA
TCTTCCCTGACTCAGAGCAAAGACTGAAAATAGACCAGATCTTGGTGGCCCAACCATACATGAAAGATCT
AAATGCGCTTTCTGCCATGGTGTGGATTGA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_153029 unedited <pre> TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGAAGACGAGGCC AGCCAGGAGGGCGACTTCAGTCACAGCTCCCATGCCTCAGCTTTGTACCTGTTTTCAAAA GCACAACCTGAGGTGTGCGGGCTGGAGCTGTCTTGACAGTATTCTGGCCTTCTGGCTCATG GTTTCAGTCCAGCAGCCTGGCTGACCCACTATTTCTCCTCTGCTTCAGAGGAAACCCAGGA AATGCCCTTACTGCCAGGCTGAGTCTCCACCCATGCTGGTTGGTGCTGGCTAGGCTGAGG GGGCCACCACTTTTCTGGCTAGAAGCTACTTGACCTTTGATGTTTGAGTTCTGTAAGTC TTCGTGTTCTGACTTACTGCTTCAGAGGATTGGCCTGTCCCCTTTCCCTTTCTCGGCTA TGGAAGGAAGGATTGCTCATTGGTTGCCCTTCATCAGTTACAGCATGAGACGGAATTCAT CATTCTTCCGAAACCCCTGATATTTAATATTTAATATTTAAAAACCCAAATTATCAAAAC CATTAAGAACTCATTACTGGTTCTCAGCCTCCTCCAGTACTAGCCTCAGTGTGGCTGCTG CATAAGTATCTGTAGCCTGTCTACCTCCTGCAGTGGGGCCGCTCGCCTCTTCCCTGTCTA CTGCTCANGCTCTCCCACTTCGTGGCATCCATGNTAAGTANGTGGCAGGNCANAGATGTC ACTCTCATTACAGGGAGGATGTCTNCTGCTCANAGAGGTTGCTCTGAGGGGNNNTGGTG ATCCTGGGCTACATTCTNCCGAGCTNNCAGCCGCTGTCTCTGGAAGTAAAAGACCTT GCTGACCTTAATGCAGCAGTCTGTTTGAACCCCTGTNAGCTGCATTNCAGAGACAGAAG GGGTCTTGGCCATCTGGGC </pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_153029 unedited <pre> CTATGGAACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTCAGTTGAGCA GACATTTATTAAGCACCTATCAAGTGCAAGGCACTGTGCTAGGCGCCGTGGGAAATACAG AGAACACAGGCGGTCCCTGCCCACGAGGAGCTCACAGTCTAGAAAGGGCAGCAAGACAGT ACACAATCAGTGGCAGCAGCACCAGCCAGAGTGGCAAGTGTCAAAGCGAGACACAAAGT GCTGTGCGGTCAACATCATGGGGATGCTTCTGGCAGAAAGCACTGGAAGGAGACGAGG ACTCAGGCTGGGCCTTCCAGGAGGGAAGCCATTTGGGAGAAGGGCATCTCTAGCGGAGAG AGGTCCATCTGCAGAGCCACAGGTCATGGGAAACATGTGGCTGCAGGGAGAGTTTGGG ACAGTCAAGTATGGCTGGGAGGTGGACAGCCACGGACCTAAGCTCAGGAGATGTGAAGT TTGTGGTCTGGTCAAACAGCCACTGCAGTCACTTCGAGGAGGAGGGGTGACTAGAAGT ATGTTACTGGAAGGTAATCTGGCCACACTGCAGCATCTGGACGGCAGAGGGCAGCGCTG GGAGGGCCAGCCAGTTAGGGCCACCACCCCTGGGTGCTGAGAGTGGGAGTAGCGGGC AGGGGCCAGCAAAGCAGAGGGCAGAGCAGGGGACCATACGGAGGGTGGGTGTGGAAGAA GGGANGGGCCCCCATGCAGCTGCANGTCTGGGGAGCCCTGAGATGTCATAGGNCTTCTCTG GTAGAGTGGAAAGTGCACTCTTGAAGTCAAGCCAGTCACTACANANAGGGGACANCNAN GAAAGGNACNGTGTGGCCCTAAGGGTACTGCAGTTTCTCACATGTGGTCCGTGGATCAC CTGCTGGGAACTGNNCTGGGGATGCGCTCATTTGAGATTTCCGGGCTTNCAGACTAC TGGGCAAGCTCTGNCN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_153029
Insert Size:	2500 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:	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_153029.2, NP_694574.2</u>
RefSeq Size:	7121 bp
RefSeq ORF:	399 bp
Locus ID:	9683
UniProt ID:	<u>O75113</u>
Cytogenetics:	16q12.1
Gene Summary:	Inhibitor of the E3 ubiquitin-protein ligase ITCH. Acts by interacting with the second WW domain of ITCH, leading to compete with ITCH's substrates and impairing ubiquitination of substrates (By similarity).[UniProtKB/Swiss-Prot Function]