

Product datasheet for **SC111769**

NOL10 (NM_024894) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NOL10 (NM_024894) Human Untagged Clone
Tag:	Tag Free
Symbol:	NOL10
Synonyms:	PQBP5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC111769 sequence for NM_024894 edited (data generated by NextGen Sequencing)

```

ATGCAGGTCTCCAGCCTCAATGAGGTGAAGATTTACAGCCTCAGCTGCGGCAAGTCCCTT
CCTGAGTGGCTTTCTGATAGGAAGAAGAGAGCGCTACAGAAGAAAGATGTAGATGTCCGT
AGGAGAATTGAACTTATTCAGGACTTTGAAATGCCTACTGTGTGTACCACTATTAAGGTG
TCAAAAGATGGACAGTACATTTTAGCAACTGGAACATATAAACCTCGGGTTCGATGTTAT
GACACCTATCAATTATCCTTGAAGTTTGAAAGGTGTTTAGATTCCAGAAGTTGTCACCTTT
GAAATTTTGTCTGATGACTACTCAAAGATTGTCTTCTTACATAATGATAGATACATTGAA
TTTCATTTCGCAATCAGGTTTTTACTACAAAACCAGAATACCAAAGTTTGGGAGAGATTTT
TCTTACCACTATCCATCCTGTGACTTGTACTTTGTTGGTGCAAGTTCTGAAGTTTATAGG
TTAAACTTAGAACAAAGGACGATACCTGAATCCTCTACAACTGATGCTGCGGAGAATAAT
GTTTGTGACATAAATTCAGTGCATGGCTTGTGTTGCCACAGGAACCATAGAGGGTAGAGTG
GAGTGCTGGGACCAAGAAGCTCGAAACAGAGTTGGCCTGTAGACTGCGCCTTAAACAGT
GTCACAGCAGATTCAGAGATAAACAGTTTACCAACAATCTCTGCTTTGAAATTTAATGGT
GCCTTGACCATGGCAGTTGGAACAACCACAGGGCAGGTTTTATTATATGACCTTCGATCT
GATAAGCCATTGCTAGTTAAAGATCACCAGTATGGGCTGCCCATTAAGTCCGTTCAATTC
CAGGATTCATTAGATCTGATTTTGTCTGCTGACTCTCGAATTGTCAAGATGTGGAATAAG
AACTCCGGAAAAATATTTACTTCTTGGAGCCAGAGCATGACCTTAATGATGTTTGTCTC
TACCCCAACTCAGGCATGCTTCTGACGGCCAATGAAACCCCAAGATGGGCATCTATTAC
ATTCCAGTTTTGGGTCTGCTCCTCGGTGGTGTCTTCTTAGACAACCTTGACCGAAGAA
TTAGAAGAGAATCCAGAAAGCACAGTCTATGATGATTATAAATTTGTACCAAGAAAGAC
CTTGAAATTTAGGGCTCACCCACCTCATTGGATCTCCTTCTCCGGGCATATATGCAT
GGGTTTTTCATGGATATAAGACTCTATCACAAGGTGAAACTGATGGTAAATCCATTGCT
TATGAAGAAATATAGGAAAGATAAAATACGACAGAAAAATAGAAGAAACACGTGCACAGAGA
GTCCAGTTAAAGAAATTGCCAAAAGTTAACAAAGAGCTGGCACTTAAATTAATTGAGGAA
GAAGAGGAGAAGCAGAAATCTACATGAAAAAGAAAGTTAAGAGTCTTCTAATATTCTC
ACCGATGATCGATTTAAAGTTATGTTTGAGAACCTGACTTCCAAGTAGATGAAGAGAGT
GAAGAATTTAGGCTTCTGAATCCACTTGTTTCAAAAATAGTGAAAAAGGAAGAAGAAA
CTAAGACTCTTAGAGCAACAAGAACTTCGTGAAAAAGAAGAGGAGGAAGAGCCGGAAGGA
AAACCAAGTGATGCAGAAAGTTCGGAGAGTTTCTAGATGATGAAAAAGCCTGGGTTGAAGAG
GTCAGGAAGCAACGCAGACTCCTCCAGCAGGAGGAAAAAGTGAAGCGGCAGGAACGACTC
AAGGAGGACCAGCAGACAGTCTTAAAGCCCAAGTTTTATGAGATCAAAGCAGGAGAAGAA
TTTAGAAGCTTCAAAGATTCTGCCACAAAGCAGAACTGATGAACAAAACCTTGAAGAT
CGTTTGAAAAATTGAAGCAAAAAATGGGACATTGAGTGTATCCAACACCACCGTTGGCAGC
AAACAATTGACATTCACGTTAAAGAGGTCTGAACAGCAGAAGAAGCAACAGGAGGCTGAG
AAACTGCATCGACAAGAAAGGAAAGACTCCGTCGTTCCGGCCGGACACCTGAAGTCAAGA
CACAAAAGAGGACGGTCGTTTCATTGA

```

Clone variation with respect to NM_024894.2
1903 g=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024894 unedited
 ATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCGACGCCGCG
 GAGCAGGGGCTCGGAGGTCCCGGATTACGGTGTCTGAGCACGCTGGTGGGAAAGGACCC
 GGGACTTGAACAGTGTGTGCGGCGCCATGCAGGTCTCCAGCCTCAATGAGGTGAAGATT
 TACAGCCTCAGCTGCGGCAAGTCCCTTCCTGAGTGGCTTTCTGATAGGAAGAAGAGAGCG
 CTACAGAAGAAAGATGTAGATGTCCGTAGGAGAATTGAACTTATTCAGGACTTTGAAATG
 CCTACTGTGTACCACTATTAAGGTGTCAAAGATGGACAGTACATTTTAGCAACTGGA
 ACATATAAACCTCGGGTTCGATGTTATGACACCTATCAATTATCCTTGAAGTTTGAAAGG
 TGTTTAGATTGAGAAGTTGTACCTTTGAAATTTGTCTGATGACTACTCAAAGATTGTC
 TTCTTACATAATGATAGATACATTGAATTTCAATTCGCAATCAGGTTTTTACTACAAAACC
 AGAATACCAAAGTTGGGAGAGATTTCTTACCCTATCCATCCTGTGACTTGTACTTT
 GTTGGTCAAGTTCTGAAGTTTATAGGTTAACTTAGAACAGGACGATACCTGAATCCTC
 TNACAACTGATGCTGCGGAGAATAATGTTTGTGACATAAATTCAGTGCATGGCTTGGTTT
 GCCACAGGAACCATANAGGTANAATTGGAGTGCNNTGGACCCAGAACTCGAAACAGAGT
 TGGCCTGTTAGACCTGCGCTTTAACAGTGTACAGCAGATTGAGAGATAAACCGTTTACC
 CAACATCTCTGCTTTGAAATTAATGGGTGCCTGACCATGCGAGTTGGGACAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024894 unedited
 TCTAGAATCGAGTTTTTTTTTTTTTTTTTTTGGTATTTCTGGATGGTTTAATCATGAATGG
 CGGTAGGCAGTGAAGAAAAAGTTCTAGAGCATGATAAACCTTGGTTTCTGGCACAGG
 ATAAACCTTTTATTTTCTGTTGACATTTTCAATATTTAAAAAACCCAGCCTGGTTTT
 CATGATTAAAGCCGTGGGAAAGGACAATGTTTCCAGGGAGCAACGACTCGCAAGCACAC
 CCTGGGGCTGTGCGGTGGCCGTGCGCGGGGCCAGCTTCAAAGTCCAACCCACAAGGCAC
 AGGTTTTCAAATCTTTACCTCTGTGTACAAGAAGTACATGAACTTTAAAAACGTGTGTT
 TCCTCGTCTGTGTTAACACCCTAACGATGATCAGTTTGGGGGAGACGTACCCCTCCCTA
 ATCACAGGTAGGACCACTTCCCAATCAATGAAACGACCGTNCCTTTTGTGCTTGACT
 TCAGGTGTCCGGCCGAACGACGGAGTCTTTTCTTTCTTGTGATGCAGTTTCTCAGCCT
 CCTGTTGCTTCTTCTGCTGTTTACAGCTCTTTAACGTGAATGTCAATTGTTTGTGCCAA
 CGTGGTGTGGTACACTCAATGCCATTTTGTCTTCAATTTCAAACGATCTCAAGGTTNT
 GTTCATAGTTTCTGCTTGTGAGAATCTTTGAAGCTCTAAATTTCTCTGCTTTTGATC
 CATAAACCTGGGGCTTAAGACTGTCTGCTGGNCCTCCTGAGTCGTCCTGCGCTCACTTT
 TTCCCTCTGCNTGAGGATCTGGGNTGTTCTGACCTCTTAAACAGCCTTTTCANATTTG
 ACTTTCCGAACCTTTGCAAATTGGGTTTCTCCGGGTTTCTCCTTTTTTTTACAGATC
 TTGTCGCTAAAAGCTAAATCTCCTCTTTTACTAATTTGAACACAGGAGTAAACCCTAAT
 TTACTTTTTTCACTGGAAGGGTTCACTA

Restriction Sites:

NotI-NotI

ACCN:

NM_024894

Insert Size:

2590 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: [NM_024894.1](#), [NP_079170.1](#)

RefSeq Size: 3515 bp

RefSeq ORF: 1917 bp

Locus ID: 79954

UniProt ID: [Q9BSC4](#)

Cytogenetics: 2p25.1