

Product datasheet for **SC327236**

BRD8 (NM_001164326) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRD8 (NM_001164326) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRD8
Synonyms:	p120; SMAP; SMAP2
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_001164326, the custom clone sequence may differ by one or more nucleotides

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ATGGCGACGGGAACGGGCAAACACAAGCTGCTAAGCACTGGCCCCACAGAGCCATGGTCC
ATCCGAGAGAAGCTATGTTTAGCATCTTCTGTCATGAGAAGTGGCGATCAAAATTGGGTA
TCAGTTAGCAGAGCAATCAAGCCCTTTGCAGAACCTGGCCGCCCTCCAGACTGGTTCTCT
CAAAAACATTGTGCTTCCAGTACTCGGAGCTTTTAGAGACCCTGAGACACCAAAACGG
AAACGAGGTGAAAAGGGAGAAGTGGTGGAACTGTTGAAGATGTTATTGTTTCGAAATTG
ACTGCTGAGCGAGTTGAAGAACTAAAGAAAGTGATAAAGGAAACCCAGGAGAGATATAGA
CGGCTAAAGAGAGATGCAGAATAATTCAGCTGGACACATGGACAGCAGACTGGATGAG
CTTTGCAATGACATTGCAACGAAAAAGAAATTGGAAGAAGAGGAGGCTGAAGTAAAGAGG
AAGGCTACAGATGCTGCATACCAGGCTCGTCAAGCAGTAAAAACACCCCCCGGAGGTTA
CCCCTGTGATGGTTTCGCTCTCCTATAGATTCTGCCTCCCAGGAGGTGATTATCCACTT
GGGGACTTGACTCCAACCACTATGGAAGAGGCTACCTCTGGGGTAACCCCCGGGACTTTG
CCGAGTACCCAGTACCTCGTTTCTGGGATTCTGACACCCTTCTCCAGGCTCTGCA
CCCTTAGAAGCCCCATGACCCAGTAACAGATGATTCACCCAGAAAAAGATGCTTGGA
CAGAAAGCAACTCCACCCCTCCCTCTGCTGTGAGAGCTCTTGAAGAAGGGCAGCCTC
CTGCCTACTAGCCCCAGACTGGTCAATGAGAGTAAATGGCTGTGGCTTCTGGCCACCTG
AACAGTACAGGTGCTCCTCTGGAGGTAGGCGGGGTCTTCCCATGATACATGGTGGGGAG
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AACTGTGTTCCCATGGAGGCTGTGGGGATCCACATACTGTGACTGTTTCCATGGACAGC
AGTGAAATATCCATGATCATCAATTCTATCAAAGAAGAGTGTTCGATCAGGGGTAGCA
GAGGCTCCTGTTGGATCAAAGGCTCCAGCATAGATGGGAAGGAAGAATTAGATCTGGCT
GAGAAGATGGATATTGCTGTGCTTACACAGGTGAAGAGCTGGATTTTGAGACTGTTGGA
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GCAGTGGAAGCAGCACTGTCATTTTGTGAAGAAAATGATGATCCTCAGTCCCTGCCTGGC
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ATGACGGTCAAGCAAGAGAGACTGGACTTTGAGGAAACGGAAAACAAGGGAAATACATGAA
CTGGTGGACATCAGGGAGCCAGTGCAGAGATCAAGGTGGAACTGCAGAACCAGAGCCA
GTCATTTAGGAGCCGAAATAGTAGCTGGAGTTGTTCCAGCCACAAGTATGGAGCCACCA
GAACTCAGGAGTCAAGACTTAGATGAGGAACTGGGAAGTACTGCAGCTGGAGAGATTGTT
GAAGCAGATGTTGCCATTGGGAAAGGCGATGAGACTCCACTTACAAATGTGAAGACAGAG
GCATCCCCTGAAAGCATGTTGTCTCCATCACATGGCTCAAATCCCATTGAAGATCCTTTA
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ATTTTTGGAAGCCAGATAAAGGATGCCCCAGGTGAGGATGAGGAGGAAGATGGTGTCAAGT
GAAGCGGCCAGCCTAGAGGAGCCTAAGGAAGAGGATCAAGGAGAAGGCTACTTGTGAGAA
ATGGATAATGAACCTCCTGTGAGCGAGAGTGATGATGGCTTCCAGCATACAAATGCTACA
CTGCAGTACACACACTGGCAGACTCCATCCCCAGCAGCCCTGCTTCTTACAGTTCTCT
GTCTGTAGTGAGGATCAGGAAGCTATTCAGGCACAGAAAAATTTGGAAGAAAGCCATCATG
CTTGATGGAGAGCTGCAGCTAATCATAGGTATGCCAATGTCTTCTGCAGCCTGTTTACA
GATGACATAGCACCTGGCTACCACAGCATTGTGCAGAGGCTATGGATTTGTCAACTATT
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CTGATGTTTCAAGATGCTGTAATGTACAATAGCTCAGACCATGATGTCTATCACATGGCA
GTGGAGATGCAGCGAGATGTCTTGAACAGATCCAGCAATTTTGGCCACGCAGTTGATT
ATGCAAACATCCGAGTCTGGGATCAGTGTAAAAGTCTTCGAGGGAGAGATTCTACCCGC
AAACAGGATGCTTCAGAGAAGGATGGAGGAACCCAGGGACGCCGCTGTGCCATTGAAGCA
GATATGAAGATGAAAAAG

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Restriction Sites: Please inquire
ACCN: NM_001164326

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:	<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:	<u>NM_001164326.1</u> , <u>NP_001157798.1</u>
RefSeq Size:	2998 bp
RefSeq ORF:	2601 bp
Locus ID:	10902
UniProt ID:	<u>Q9H0E9</u>
Cytogenetics:	5q31.2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>The protein encoded by this gene interacts with thyroid hormone receptor in a ligand-dependent manner and enhances thyroid hormone-dependent activation from thyroid response elements. This protein contains a bromodomain and is thought to be a nuclear receptor coactivator. Multiple alternatively spliced transcript variants that encode distinct isoforms have been identified. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (4) lacks two alternate in-frame exons compared to variant 1. The resulting isoform (4) has the same N- and C-termini but is shorter compared to isoform 1.</p>