

Product datasheet for **SC125536**

BRD8 (NM_139199) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRD8 (NM_139199) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRD8
Synonyms:	p120; SMAP; SMAP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_139199, the custom clone sequence may differ by one or more nucleotides

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ATGGCGACGGGAACGGGCAAACACAAGCTGCTAAGCACTGGCCCCACAGAGCCATGGTCCATCCGAGAGA
AGCTATGTTTAGCATCTTCTGTGATGAGAAGTGGCGATCAAAATTGGGTATCAGTTAGCAGAGCAATCAA
GCCCTTTGCAGAACCTGGCCGCCCTCCAGACTGGTTCTCTCAAAAACATTGTGCTTCCCAGTACTCGGAG
CTTTTAGAGACCACTGAGACACCAAAACGAAACGAGGTGAAAAGGGAGAAGTGGTGAAACTGTTGAAG
ATGTTATTGTTTCGAAAATTGACTGCTGAGCGAGTTGAAGAATAAAGAAAGTGATAAAGGAAACCCAGGA
GAGATATAGACGGCTAAAGAGAGATGCAGAATAATTCAAGCTGGACACATGGACAGCAGACTGGATGAG
CTTTGCAATGACATTGCAACGAAAAGAAATTGGAAGAAGAGGAGGCTGAAGTAAAGAGGAAGGCTACAG
ATGCTGCATACCAGGCTCGTCAAGCAGTAAAAACACCCCCCGGAGGTTACCCACTGTGATGGTTGCTC
TCCTATAGATTCTGCCTCCCAGGAGGTGATTATCCACTTGGGGACTTGACTCCAACCACTATGGAAGAG
GCTACCTCTGGGGTCAATGAGAGTGAATGGCTGTGGCTTCTGGCCACCTGAACAGTACAGGTGTCTCC
TGGAGGTAGGCGGGTCTTCCCATGATACATGGTGGGGAGATACAGCAAACACCCAATACTGTTGCAGC
CTCCCCTGCTGCATCAGGTGCTCCCACTCTTCCCGGCTTTTGAAGCTGGTCTACACAGTTACCACACA
CCTCTTGCTTCTTCACTACTGTTGCCAGTGAGCCTCCAGTTAACTTGTGCCACCCCTGTAGAGTCTG
TGTCCTCAAGCTACCATTGTCATGATGCCTGCGCTGCCAGCACCATCCTCTGCTCCGGCTGTCTCCACTAC
TGAAAGTGTAGCTCCAGTGAGTCAACCCGACAAGTGTGTTCCCATGGAGGCTGTGGGGATCCACATACT
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CAGGGGTAGCAGAGGCTCCTGTTGGATCAAAGGCTCCCAGCATAGATGGGAAGGAAGAATTAGATCTGGC
TGAGAAGATGGATATTGCTGTGCTTACACAGGTGAAGAGCTGGATTTTGGAGACTGTTGGAGACATCATT
GCCATCATTGAGGACAAGGTAGATGATCATCCTGAAGTGTGGATGTGGCAGCAGTGAAGCAGCACTGT
CATTTTGTGAAGAAAATGATGATCCTCAGTCCCTGCCTGGCCCCCTGGGAGCATCCTATCCAGCAGGAGCG
GGACAAGCCAGTACCTCTCCCTGCACCAGAAAATGACGGTCAAGCAAGAGAGACTGGACTTTGAGGAAACG
GAAAACAAGGGAATACATGAACTGGTGGACATCAGGGAGCCAGTGCAGAGATCAAGGTGGAACCTGCAG
AACCAGAGCCAGTCATTTAGGAGCCGAAATAGTAGCTGGAGTGTTCAGCCACAAGTATGGAGCCACC
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AGAACTCAGGAGTCAGGACTTAGATGAGGAACTGGGAAGTACTGCAGCTGGAGAGATTGTTGAAGCAGAT
GTTGCCATTGGGAAAGGCGATGAGACTCCACTTACAAATGTGAAGACAGAGGCATCCCCTGAAAGCATGT
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GTCAGACTCATTGAAAGAAGAATCAGGGACTATTTTTGGAAGCCAGATAAAGGATGCCCCAGGTGAGGAT
GAGGAGGAAGATGGTGTGAGTGAAGCGGCCAGCCTAGAGGAGCCTAAGGAAGAGGATCAAGGAGAAGGCT
ACTTGTGAGAAATGGATAATGAACCTCCTGTGAGCGAGAGTGTATGGCTTACAGATACACAATGCTAC
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GCTTCAGAGAAGGACAGTGTCCCAATGGGCTCTCCTGCCTTCTTCTCTCTCTTTATGGGACACGAGT
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GAACTAGAGGAAAGCAGCCCGGAGAGAGAACCTAGTGAAGTCTTGTGGGGATGGAGGCAGTGAGGAAT
CTCAGGAAGCGGCAAGGAAAGCCAGCCACCAGAACCTCCTCCACTTTCTCTCTGAGGTAGCTTATTTAAT
GGAGCCCTTGTGCATCAGCAGCAACGAATCAAGTGAAGGCTGCTGCCCTCCATCTGGTACCAGACAAGAA
GGAAGGGAAATTAAGCTAGCGAAGGAGAAAGGGAGCTCTGCAGAGAGACTGAAGAGCTTTCAGCTAAAG
GAGACCCCTTAGTAGCTGAAAAGCCACTGGGAGAAAATGGAAAGCCAGAGGTGGCTTTCAGCTCCCTCAGT
TATTTGTACAGTTCAGGGACTACTCACAGAGAGTGAAGAGGGGGAGGCTCAGCAAGAATCCAAAGGGGAG
GACCAGGTGAAGTATATGTGTGAGAGATGGAAGACCAGCCCTTCAGGCGAGTGTGATGATGCTTTA
ACATTAAGGAGACTCCCTTGGTGGATACACTTTTCAGCCATGCTACCTCCTCAAAGCTGACTGATCTAAG
CCAGGATGACCCTGTTCAGGATCATTGCTATTTAAGAAGACTCTCCTGCCAGTCTGGAAGATGATTGCC
AGTCACAGGTTACAGCAGTCCATTTCTGAAGCCTGTGTGAGAAAGCAGGCCCCAGGGTACAAGGATGTGG
TGAAAAGACCCATGGACTTAACTAGCCTGAAGAGAAAATCTCTAAGGGTCGGATTCGCACCATGGCCCA
ATTCTGCGAGACCTGATGCTGATGTTCCAAAATGCTGTAATGTACAATGACTCTGATCATCATGTATAC
CATATGGCTGTGGAGATGCGGCGAGAAGTCTGGAGCAGATTGAGTACTGAATATCTGGTTAGACAAA
GAAAAGGCTCAAGTAGTCTGGAAGGAGAACCAGCTAACCCAGTGGATGATGGAAAACCTGTTTTCTAA
    
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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_139199 unedited
TAGGGCGCCGCAATTCGGCACGAGGGAATCCAGGGTTTCGGCCCTNNNAACCGTCT
CTCCTCAGGGTTGGAGACTTCGGGGCCAAGATGGCGACGGGAACGGGCAACACAAGCTG
CTAAGCACTGGCCCCACAGAGCCATGGTCCATCCGAGAGAAGCTATGTTTAGCATCTTCT
GTCATGAGAAGTGGCGATCAAAATTTGGTATCAGTTAGCAGAGCAATCAAGCCCTTGTCA
GAACCTGGCCGCCCTCCAGACTGGTTCTCTCAAAAACATTGTGCTTCCCAGTACTCGGAG
CTTTTAGAGACCACTGAGACACCAAAACGGAAACGAGGTGAAAAGGGAGAAGTGGTGGAA
ACTGTTGAAGATGTTATTGTTTCGGAAAATTGACTGCTGAGCGAGTTGAAGAACTAAAGAAA
GTGATAAAGGAAACCCAGGAGAGATATAGACGGCTAAAGAGAGATGCAGAACTAATTCAA
GCTGGACACATGGACAGCAGACTGGATGAGCTTTGCAATGACATTGCAACGAANAAGAAA
TTGGNAGAAGGGAGGCTGAAGTAAGAGGAAGCTACAGATGCTGCATACANGCTCGTCAGC
ATAAACACCCCGGAGTACCATGGATGTCGTCTCAGATCTGCTCAGAGTGATACCTTGGC
TGCTCACCATGAAGCTCCTGGCATGATGATGCGGCTCGCCTG
    
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Restriction Sites:

Please inquire

ACCN:

NM_139199

Insert Size:

3800 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_139199.1 , NP_631938.1
RefSeq Size:	4074 bp
RefSeq ORF:	3708 bp
Locus ID:	10902
UniProt ID:	Q9H0E9
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 (2) has multiple coding region differences, compared to variant 1. The resulting isoform (2) has a longer, and a different C-terminus, compared to isoform 1.</p>