

Product datasheet for **SC337595**

BRD8 (NM_001300961) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRD8 (NM_001300961) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRD8
Synonyms:	p120; SMAP; SMAP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001300961, the custom clone sequence may differ by one or more nucleotides

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ATGGTCCATCCGAGAGAAGCTATGTTTAGCATCTTCTGTCATGAGAAGTGGCGATCAAAATTGGTAAGGG
TATCAGTTAGCAGAGCAATCAAGCCCTTTCGAGAACCTGGCCGCCCTCCAGACTGGTTCTCTCAAAAACA
TTGTGCTTCCCAGTACTCGGAGCTTTTAGAGACCACTGAGACACAAAACGAAACGAGGTGAAAAGGGA
GAAGTGGTGGAAACTGTTGAAGATGTTATTGTTTCGGAAATTGACTGCTGAGCGAGTTGAAGAATAAAGA
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CATGGACAGCAGACTGGATGAGCTTTGCAATGACATTGCAACGAAAAAGAAATTGGAAGAAGAGGAGGCT
GAAGTAAAGAGGAAGGCTACAGATGCTGCATACCAGGCTCGTCAAGCAGTAAAAACACCCCCGGAGGT
TACCCACTGTGATGGTTCGCTCTCTATAGATTCTGCCTCCCAGGAGGTGATTATCCACTTGGGGACTT
GACTCCAACCACTATGGAAGAGGCTACCTCTGGGGTCAATGAGAGTGAATGGCTGTGGCTTCTGGCCAC
CTGAACAGTACAGGTGCTCTCTGGAGGTAGGCGGGTCTTCCCATGATACATGGTGGGGAGATACAGC
AAACACCAATACTGTTGCAGCCTCCCCTGCTGCATCAGGTGCTCCCACTCTTCCCGGCTTTTAGAAGC
TGGTCCTACACAGTTCACCACACCTCTTGCTTCTTCACTACTGTTGCCAGTGAGCTCCAGTTAAACTT
GTGCCACCCCTGTAGAGTCTGTGTCCCAGCTACCATTGTCATGATGCCTGCGCTGCCAGCACCATCCT
CTGCTCCGGCTGTCTCCACTACTGAAAGTGTAGCTCCAGTGAGTCAACCCGACAACCTGTGTTCCCATGGA
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AGCATCTATCCAGCAGGAGCGGACAAGCCAGTACCTCTCCCTGCACCAGAAATGACGGTCAAGCAAGA
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GAGATCAAGGTGGAACCTGCAGAACCAGAGCCAGTCAATTCAGGAGCCGAAATAGTAGCTGGAGTTGTTT
CAGCCACAAGTATGGAGCCACCAGAACTCAGGAGTCAGGACTTAGATGAGGAACTGGGAAGTACTGCAGC
TGGAGAGATTGTTGAAGCAGATGTTGCCATTGGGAAAGGCGATGAGACTCCACTTACAAATGTGAAGACA
GAGGCATCCCCTGAAAGCATGTTGTCTCCATCACATGGCTCAAAATCCATTGAAGATCCTTAGAGGCAG
AGACTCAGCACAAGTTTGAATGTGAGACTCATTGAAAGAAGAATCAGGGACTATTTTTGGAAGCCAGAT
AAAGGATGCCCCAGGTGAGGATGAGGAGGAAGATGGTGTGAGTGAAGCGCCAGCCTAGAGGAGCCTAAG
GAAGAGGATCAAGGAGAAGGCTACTTGTGAGAAATGGATAATGAACCTCCTGTGAGCGAGAGTGATGATG
GCTTCAGCATACACAATGCTACACTGCAGTCACACACACTGGCAGACTCCATCCCAGCAGCCCTGCTTC
TTCACAGTTCTCTGTCTGTAGTGAAGTATCAGGAAGCTATTCAGGCACAGAAAATTTGGAAGAAAGCCATC
ATGCTTGTATGGAGAGCTGCAGCTAATCATAGGTATGCCAATGTCTTCTGCAGCCTGTTACAGATGACA
TAGCACCTGGCTACCACAGCATTGTGCAGAGGCCATGGATTTGTCAACTATTAAGAAAAACATAGAAAA
TGGACTGATCCGAAGCAGCTGAATTTAGCGTGACATTATGCTGATGTTTCAGAATGCTGTAATGTAC
AATAGCTCAGACCATGATGTCTATCACATGGCAGTGGAGATGCAGCGAGATGCTTGGAAACAGATCCAGC
AATTCTTGGCCAGCAGTTGATTATGCAAACATCCGAGTCTGGGATCAGTGCTAAAAGTCTTCGAGGGAG
AGATTCTACCCGAAACAGGATGCTTTCAGAGAAGGACAGTGTCCAATGGGCTCTCCTGCTTCTCTCTC
TCTCTTTGATGGAGGAACAGGGGACCGCTGTGCCATTGAAGCAGATATGAAGATGAAAAAGTGA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001300961

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:	<u>NM_001300961.1, NP_001287890.1</u>
RefSeq Size:	3039 bp
RefSeq ORF:	2589 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 (5) differs in the 5' coding region and maintains the translation reading frame, compared to variant 1. The resulting isoform (5) has a distinct N-terminus and lacks an internal segment, compared to isoform 1.</p>