

Product datasheet for **SC337550**

BRD8 (NM_001300962) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRD8 (NM_001300962) 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_001300962, the custom clone sequence may differ by one or more nucleotides

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ATGGTCCATCCGAGAGAAGCTATGTTTAGCATCTTCTGTCATGAGAAGTGGCGATCAAAATTGCATTGTG
CTTCCCAGTACTCGGAGCTTTTAGAGACCACTGAGACACCAAAACGAAACGAGGTGAAAAGGGAGAAGT
GGTGAAAACCTGTTGAAGATGTTATTGTTTCGAAATTGACTGCTGAGCGAGTTGAAGAATAAAGAAAGTG
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CAGTACAGGTGTCCTCCTGGAGGTAGGCGGGTCTTCCCATGATACATGGTGGGAGATACAGCAAACA
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ACCCCCTGTAGAGTCTGTGTCCCAAGCTACCATTGTGCATGATGCCTGCGCTGCCAGCACCATCCTCTGCT
CCGGCTGTCTCCACTACTGAAAGTGTAGCTCCAGTGAGTCAACCCGACAACCTGTGTTCCCATGGAGGCTG
TGGGGGATCCACATACTGTGACTGTTTCCATGGACAGCAGTGAATATCCATGATCATCAATTCTATCAA
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CTGTTGGAGACATCATTGCCATCATTGAGGACAAGGTAGATGATCATCCTGAAGTGTGGATGTGGCAGC
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CAGCACAAGTTTGAATGTCAGACTCATTGAAAGAAGAATCAGGGACTATTTTTGGAAGCCAGATAAAGG
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AGTTCTCTGTCTGTAGTGAAGGATCAGGAAGCTATTCAGGCACAGAAAATTTGGAAGAAAGCCATCATGCT
TGTATGGAGAGCTGCAGCTAATCATAGGTATGCCAATGTCTTCTGCAGCCTGTTACAGATGACATAGCA
CCTGGCTACCACAGCATTGTGCAGAGCCATGAGATTTGTCAACTATTAAGAAAAACATAGAAAAATGGAC
TGATCCGAAGCACAGCTGAATTTAGCGTGACATTATGCTGATGTTTCAAGATGCTGTAATGTACAATAG
CTCAGACCATGATGTCTATCACATGGCAGTGGAGATGCAGCGAGATGCTTGGAACAGATCCAGCAATTC
TTGGCCACGCAGTTGATTATGCAAAACATCCGAGTCTGGGATCAGTGCTAAAAGTCTTCGAGGGAGAGATT
CTACCCGCAAACAGGATGCTTCAGAGAAGGACAGTGTCCCAATGGGCTCTCCTGCCTTCTCTCTCTCT
CTTTGATGGAGGAACAGGGGACCCGCTGTGCCATTGAAGCAGATATGAAGATGAAAAAGTGA
    
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Restriction Sites: Sgfl-MluI

ACCN: NM_001300962

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_001300962.1</u> , <u>NP_001287891.1</u>
RefSeq Size:	2964 bp
RefSeq ORF:	2514 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 (6) lacks two internal exons in the 5' coding region, compared to variant 1. The resulting isoform (6) has a distinct N-terminus and lacks an internal segment, compared to isoform 1.</p>