

Product datasheet for **SC201919**

PBR (TSPO) (NM_007311) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PBR (TSPO) (NM_007311) Human 3' UTR Clone
Symbol:	PBR
Synonyms:	BPBS; BZRP; DBI; IBP; MBR; mDRC; PBR; PBS; pk18; PKBS; PTBR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007311
Insert Size:	204 bp
Insert Sequence:	>SC201919 3' UTR clone of NM_007311 The sequence shown below is from the reference sequence of NM_007311. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon CAATTGGCAGAGCTCAGAATTCAAGCGATCGC TCACGCTTGATGTGGTGGCCGTCACGCTTTCATGACCACTGGGCTGCTAGTCTGTCAGGGCCTTGGC CCAGGGGTCAGCAGAGCTTCAGAGGTGGCCCCACCTGAGCCCCACCCGGGAGCAGTGCCTGTGCTTTC TGCATGCTTAGAGCATGTTCTTGAACATGGAATTTTATAAGCTGAATAAAGTTTTGACTTCC ACGCGT AAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_007311.3</u>



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Summary: Present mainly in the mitochondrial compartment of peripheral tissues, the protein encoded by this gene interacts with some benzodiazepines and has different affinities than its endogenous counterpart. The protein is a key factor in the flow of cholesterol into mitochondria to permit the initiation of steroid hormone synthesis. Alternatively spliced transcript variants have been reported; one of the variants lacks an internal exon and is considered non-coding, and the other variants encode the same protein. [provided by RefSeq, Feb 2012]

Locus ID: 706