

Product datasheet for **RC220107L4V**

PBR (TSPO) (NM_000714) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PBR (TSPO) (NM_000714) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PBR
Synonyms:	BPBS; BZRP; DBI; IBP; MBR; mDRC; PBR; PBS; pk18; PKBS; PTBR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000714
ORF Size:	507 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220107).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000714.4
RefSeq Size:	921 bp
RefSeq ORF:	510 bp
Locus ID:	706
UniProt ID:	P30536
Cytogenetics:	22q13.2
Domains:	TspO_MBR
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Neuroactive ligand-receptor interaction

MW: 18.8 kDa

Gene 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]