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## Kappa opioid receptor

<b>CloneID</b>	OPR0K00000	<b>Species</b>	human
<b>Gene Class</b>	Opioid receptor	<b>IMAGE clone #</b>	
<b>Date</b>	5/29/2001	<b>IMAGE acc. #</b>	
<b>Lot</b>	01	<b>Origin</b>	cDNA
<b>Bacteria</b>	XL1-Blue	<b>Tag</b>	None
<b>Vector</b>	pcDNA3.1+	<b>Tag location</b>	N/A
<b>Antibiotic</b>	Ampicillin	<b>Mutation</b>	
<b>Promoter</b>	CMV	<b>Phenotype</b>	wild-type
<b>Insert size</b>	1150	<b>Method</b>	N/A
<b>5'RE</b>	KpnI	<b>Sequenced</b>	Full length
<b>3'RE</b>	XhoI	<b>GB Acc. No.</b>	U11053
<b>Keywords</b>	Opioid receptor GPCR		

## References

**Notes** Human opioid receptor kappa (wild type) cloned into pcDNA3.1+ (Invitrogen) at KpnI (5') and XhoI (3'). The open reading frame was amplified by the PCR from human whole brain cDNA (Clontech). The insert was sequenced and found to be identical with GB ACC# U11053 with the following exceptions: T36->G, G843->A and T846->C (all silent). Insert size = 1150 bp.

## Map

