

Product datasheet for MR209688L4

Pcdha4 (BC060211) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Pcdha4 (BC060211) Mouse Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Pcdha4						
Synonyms:	Cnr1; Crnr1; R75250						
Mammalian Cell Selection:	Puromycin						
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)						
E. coli Selection:	Chloramphenicol (34 ug/mL)						
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209688).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling:						
	Sgf1 ORF Mlu I GCG ATC GC ATG // NNN ACG CGT						

EcoR I	Bar	nH I		RE	35		_	Koza Conse		_		OF	RE
CTATAGGGCGGCCGGGAATTCGTC	GACTGG	TCCG	STACC	GAG	GAGA	тстб	ccgc				rg	 	
	Mlu I		Notl Xhol				mGFP Tag						
NNŇ	ACG CG T R	T ACG	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G		 	
GGA CTC AGA GTT TGG G L R V	i GTA GG/	AGC											

ACCN: ORF Size: BC060211 1920 bp



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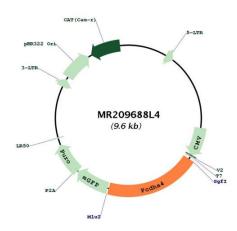
* The last codon before the Stop codon of the ORF.

	4 (BC060211) Mouse Tagged Lenti ORF Clone – MR209688L4
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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>BC060211, AAH60211</u>
RefSeq Size:	4166 bp
RefSeq ORF:	1922 bp
Locus ID:	12936
Cytogenetics:	18 B2- B3
Gene Summary:	Calcium-dependent cell-adhesion protein involved in cells self-recognition and non-self discrimination (Probable). Thereby, it is involved in the establishment and maintenance of specific neuronal connections in the brain (PubMed:27161523).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MR209688L4

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