

Product datasheet for RR200364L1

Cspg5 (NM_019284) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids				
Product Name:	Cspg5 (NM_019284) Rat Tagged Lenti ORF Clone				
Tag:	Myc-DDK				
Symbol:	Cspg5				
Synonyms:	Caleb; Ngc				
Mammalian Cell Selection:	None				
Vector:	pLenti-C-Myc-DDK (PS100064)				
E. coli Selection:	Chloramphenicol (34 ug/mL)				
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200364).				
Restriction Sites:	Sgfl-Mlul				
Cloning Scheme:					
	Cloning sites used for ORF Shuttling: Sgf I ORF Mlu I GCG ATC GC ATG // NNŇ ACG CGT				

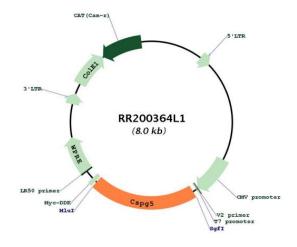
					Koz Conse		
EcoR I	Bam	ні	RBS		5	gf I	ORF
CTATAGGGCGGCCGGGAATTCGTC	GACTGGA	CCGGTAC	GAGGAG	атстбо	coccoco	ATCGC C	ATG
	Mlu I		Notl_X	'ho I	N	lyc.Tag	
NNŇ				GAG		CTC ATC	TCA GAA GAG
	TR	TR	ΡL	E	Q K	LI	SEE
		D	DK.Tag				
GAT CTG GCA GCA AAT GAT ATC C DLAANDI	TG GAT TA	CAAGGAT K D	GAC GAC	D K	G GTT TAA V Stor		GCC

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



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Plasmid Map:



ACCN:	NM_019284
	-
ORF Size:	1632 bp
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>NM 019284.1, NP 062157.1</u>
RefSeq Size:	2107 bp
RefSeq ORF:	1635 bp

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	Cspg5 (NM_019284) Rat Tagged Lenti ORF Clone – RR200364L1
Locus ID:	50568
UniProt ID:	<u>Q9ERQ6</u>
Cytogenetics:	8q32
Gene Summary:	proteoglycan expressed exclusively in brain and developing neurons [RGD, Feb 2006]

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