

Product datasheet for RR211768L4

Galnt7 (NM_022926) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Galnt7 (NM_022926) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Galnt7					
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 thi	is clone	is exac	tly the sa	me as(RR211768).
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:						
		Cloning site	es used for ORF Sh	uttling:		
		[0	Sgf I GCG ATC GC C ATG	ORF // NNŇ	Mlu I ACG CGT	
					Kozak Consensus	
		EcoR I	BamH I	RBS	Sgfl	ORF
	CTATAGGGCGGCCGG	GAATTCGTCG	ACTGGATCCGGTA	CCGAGGAGATC	TGCCGCCGCGATCGC C	ATG

 Mlu I
 Not I
 Xho I
 mGFP Tag

 ...
 ...
 ...
 NNN
 ACG CGT ACG CGG CCG CTC GAG ATG AGC GGG GGC ...

 T
 R
 T
 R
 P
 L
 E

 M
 S
 G
 G
 ...
 ...

--- GGA CTC AGA GTT TGG GTA GGA AGC

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

ACCN: ORF Size: NM_022926 1971 bp

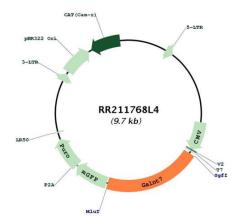


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Galnt7 (NM_022926) Rat Tagged Lenti ORF Clone – RR211768L4			
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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 Methoo	 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 022926.1, NP 075215.1</u>		
RefSeq Size:	2201 bp		
RefSeq ORF:	1974 bp		
Locus ID:	29750		
UniProt ID:	<u>Q9R0C5</u>		
Cytogenetics:	16p11		
Gene Summary:	displays glycopeptide N-acetylgalactosaminyltransferase activity [RGD, Feb 2006]		

Product images:



Circular map for RR211768L4

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