

Product datasheet for MG223062

Tsc22d1 (NM_009366) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

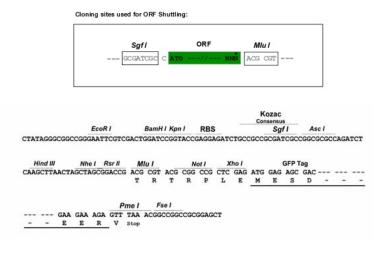
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Product Type:	Expression Plasmids
Product Name:	Tsc22d1 (NM_009366) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tsc22d1
Synonyms:	AA589566; AW105905; Egr5; Tgfb1i4; Tsc; TSC-22; Tsc22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<pre>>MG223062 representing NM_009366 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGAAATCCCAATGGTGTAGACCAGTGGCGATGGATCTAGGAGTTTACCAACTGAGACATTTTTCCATTT CTTTCTTGTCGTCTTTGCTGGGAACCGAAAACGCTTCCGTGAGACTTGACAATAGCTCTGGTGCAAGTGT GGTAGCTATCGACAACAAAATAGAGCAAGCTATGGATCTGGTGAAAAGCCATTTGATGTATGCGGTGAGG GAGGAAGTGGAAGTTCTGAAGGAGCAGATCAAAGAACTAATAGAGAAAAACTCCCAGCTGGAGCAGGAGA ACAATCTGCTGAAGACGCTGGCCAGTCCGGAGCAGCTCGCCCAGTTTCAGGCCCAGCTGCAGACTGGCTC CCCTCCGGCCACCACGCAGCCACAGGGGACCACACAGCCCCCTGCACAGCCAGC
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	>MG223062 representing NM_009366 Red=Cloning site Green=Tags(s)
	MKSQWCRPVAMDLGVYQLRHFSISFLSSLLGTENASVRLDNSSGASVVAIDNKIEQAMDLVKSHLMYAVR EEVEVLKEQIKELIEKNSQLEQENNLLKTLASPEQLAQFQAQLQTGSPPATTQPQGTTQPPAQPASQGSG STA
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul

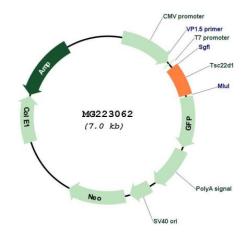


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Cloning Scheme:



Plasmid Map:



ACCN:	NM_009366
ORF Size:	429 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.

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CRIGENE Tsc22d1 (NM_009366) Mouse Tagged ORF Clone – MG223062		
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 009366.4</u>	
RefSeq Size:	1731 bp	
RefSeq ORF:	432 bp	
Locus ID:	21807	
UniProt ID:	<u>P62500</u>	
Cytogenetics:	14 40.44 cM	
Gene Summary:	Transcriptional repressor. Acts on the C-type natriuretic peptide (CNP) promoter. [UniProtKB/Swiss-Prot Function]	

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