

Product datasheet for RC210989

LOC285735 (NM_001037231) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

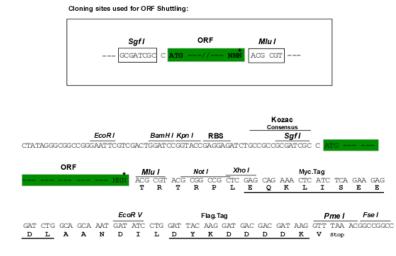
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	LOC285735 (NM_001037231) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LOC285735
Synonyms:	MGC126751, MGC126753
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	<pre>>RC210989 representing NM_001037231 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGTGCTCAGTAAGAATCAGAATGTTCAATTGTGTGAAGGTGGGAGATGGGAAGATTGGTATTATGGCCT GGATCCAGAAATCAGTCTTCCACTATAGGAAATGGGAATTTAAAGATGATCAGAAGACAGTTGGGAGCAG AGTGAGAATAAGAACCCTCAACTGCTGTCTCACCTTTCAGATCACGAAGAAGTTTTTTACAATGAGCAGA ACACTCAACCTGAAAGCAGAATGGATTGAGTCACTGCAGCGTGGCAGTGGAATGGTGTTTGATGTTGGCA AAGGAAACATGTACTTC
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>RC210989 representing NM_001037231 <mark>Red=</mark> Cloning site Green=Tags(s)
	MCSVRIRMFNCVKVGDGKIGIMAWIQKSVFHYRKWEFKDDQKTVGSRVRIRTLNCCLTFQITKKFFTMSR TLNLKAEWIESLQRGSGMVFDVGKGNMYF
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/mk6371_c11.zip
Restriction Sites:	Sgfl-Mlul



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Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN:	NM_001037231
ORF Size:	297 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 001037231.1, NP 001032308.1</u>
RefSeq Size:	322 bp
RefSeq ORF:	299 bp
Locus ID:	285735

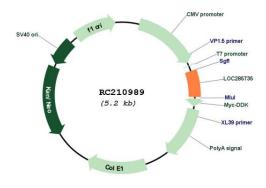
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 Cytogenetics:
 6q23.2

 MW:
 12.1 kDa

Product images:



Circular map for RC210989

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