

Product datasheet for **MG215296**

Lilra5 (NM_001081239) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lilra5 (NM_001081239) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lilra5
Synonyms:	E030017K20; EG232801; Gm4878; Lilrc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG215296 representing NM_001081239 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCTTCGTCTTCACAGCTGTGCTCTGTCTGGGGCTGAATCTGGCCAAGAGACCTCCATGTCGGAAG
GGAATCCGCACAAGCCAACCTTAGTGTTAGCCAGGATTGGTGGTTGCCAAAGGAAGCAGGTGACCAT
CTCATGTGAGGTGACCACAGGGGCCGGGAATACCGTCTTTATAAAGAGGGGGTCCACATCCTTGGCGC
ACACGGAACACTCCGAAGACCACAAACAAAGCTCAGTTCTTGATCCCATCAATTGAACAACGATCTGGG
GGATATATCGCTGTTACTATAAGACCCCACTGGGTGGTCAGAGCACAGTGACCTCTAGAGCTTGCA
GACAGGACTCTATAGTAAACCCAGCCTGTCCACCCAGCCAGCAATGTTGTGAATTCAGGGGAGACTGTA
ACCTTCAGTGTGCTCAACACTGGGATTTAACAGTTTTGTTCTGACCAAGGAAGGAGAACAAGAAGTGGT
CCTTGATCCAGGAATCAGAGTTTATAAACTCTACGGGCAATTCAGGGCCTATTTACTGTGGGCCCGT
GACCCCAAGTCAAAGGTGGATATTCAGATGTTACGGCTATCATGTCAACAGCCCCAGGTGTGGTCGGAA
CCCAGCGATCTCTGGAAATACATGTGTCAGAAGCCGATCAGCCCTCAGGCCATCACCACAAATATCAG
ACCCAAAGACAGTCTCACAGCCCCAGAATTACACAATGGAGAACCTCATCAGGATGGGGGCTTCAATTT
GGTCCTTGTGCTCTTGGCGTTCTTCTGTTTCGAAGCTCAGCACAGCCAAAGGCAGACCCAACATGCAGCT
GGGAGAGAAAGCAGTGCTTCTTTCATGGTGGCAGACACCTGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG215296 representing NM_001081239
 Red=Cloning site Green=Tags(s)

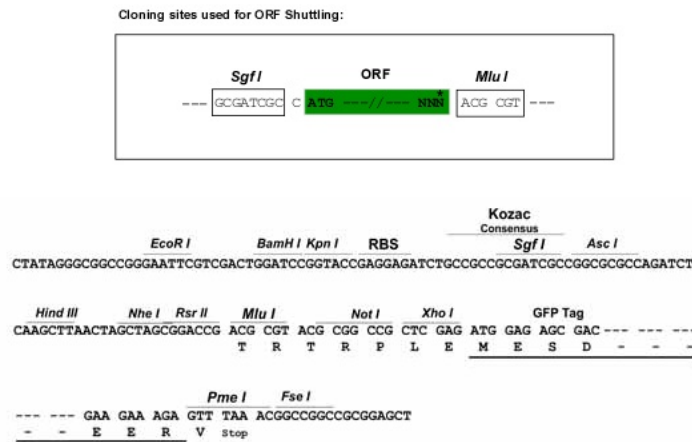
MTFVFTA V L C L G L N L G Q E T S M S E G N P H K P T L S V Q P L V V A K G K Q V T I S C E V T T G A R E Y R L Y K E G G P H P W R
 T R N T P K T T N K A Q F L I P S I E Q R S G G I Y R C Y Y K T P T G W S E H S D P L E L A V T G L Y S K P S L S T Q P S N V V N S G E T V
 T L Q C V S T L G F N R F V L T K E G E Q K W S L I Q E S E F I N S T G Q F Q L F T V G P V T P S Q R W I F R C Y G Y H V N S P Q V W S E
 P S D L L E I H V S E A D Q P L R P S P N I S D P K T V S Q P Q N Y T M E N L I R M G A S I L V L V L L G V L L F E A Q H S Q R Q T Q H A A
 G R E S S A S F M V A D T W E

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja1697_h12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001081239

ORF Size: 885 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. [More info](#)

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:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. 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: [NM_001081239.2](#), [NP_001074708.2](#)

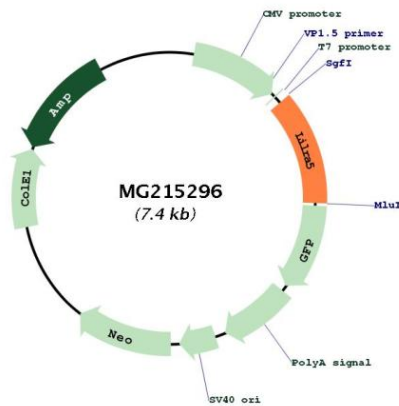
RefSeq Size: 2109 bp

RefSeq ORF: 888 bp

Locus ID: 232801

Cytogenetics: 7 A1

Product images:



Circular map for MG215296