

Product datasheet for **MG213684**

Klra18 (NM_053153) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Klra18
Synonyms:	Ly49r
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG213684 representing NM_053153
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGACTGAACAGAAAGACACTTTCTCAGCTGTGAGATTCCATAAGTCTTCAGGGTTGCAGAACGAGATGA
GGCTCAAGGAGACACGGAAGCCTCGAAAAGCTGGCCTCAGAGTGTGTTTCAGTTCCTGGCAGTTCATTGT
GATAGCTCTCGGAATCCTCATTTCCCTTCGACTGGTAATTGTTGCAGTGCTTATGACAAACATTTTTCAG
TATGGTCAACAAAAACATGAACTGCAGGAATTTCTAAACACCACAATAACTGCAGCATCATGCAAAGTG
ACATCAACTTGAAGGATGAACTGCTGAAAAATAAGTCTATAGAGTGAATCTTCTGGAATCCATCAACAG
GGATCAGAACAGATTGTATAATAAAACCAAGACTGTTTATAGATTCTTACAGCACACAGGCAGAGGTGTT
AAAGTATACTGGTTCTGTTATGGTATGAAATGTTATTATTCATCATGGACAGAAAACCATGGAGTAGAT
GTAACAGAGCTGCCAGAATTCAGCTTAACCTTCTGAAGATAGACAATGAGGATGAACTGTTCCCTTCA
GCTCGTGGTACCTTCAGACAGTTGCTGGATTGGGTTGTCATATGATAATAAGAAAAAGATTGGGCATGG
ATTGACAATCGCCCATCTAACTTGCCCTTGAACACAACGAAATACAATATAAGAGATGGAGGATGTATGT
TCTTATCTAACTAGACTAGACAATAATTACTGTGATCAATCATCTGTATTTGTGGGAAGAGATT
GGACAAATTCCTCAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



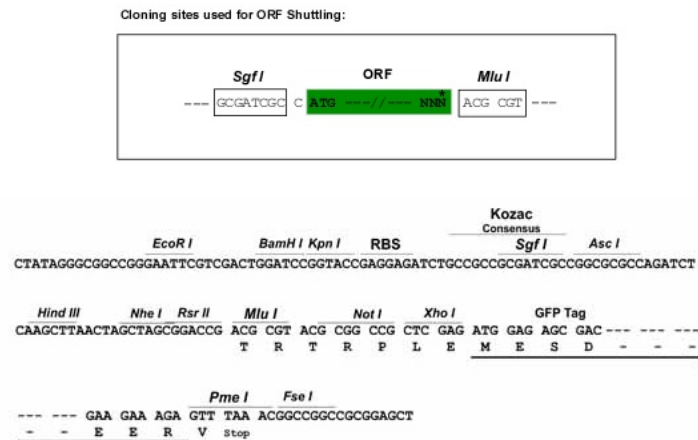
Protein Sequence: >MG213684 representing NM_053153
 Red=Cloning site Green=Tags(s)

MTEQKDTFSAVRFHKSSGLQNEMRLKETRKPRLVCSVPWQFIVIALGILISRLVIVAVLMTNIFQ
 YGQKHELQEFLLKHHNNCSIMQSDINLKDELLKNKSIECNLLESINRDQNRLYNKTKTVLDSLQHTGRGV
 KVVWFICYGMKCYFIMDRKPWSRCKQSCQNSSLTLLKIDNEDELFLQLVPSDSCWIGLSYDNKKDWA
 IDNRPSKLALNTTKYNIRDGGCMFLSKTRLDNNYCDQSFICICGKRLDKFPH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_053153

ORF Size: 786 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

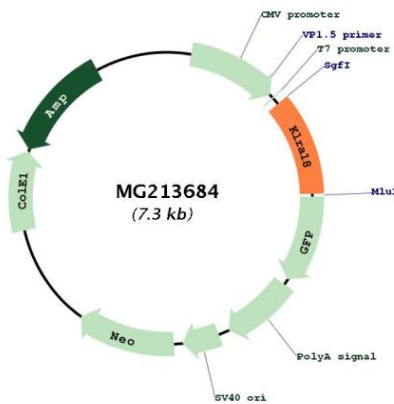
RefSeq: NM_053153.2, NP_444383.1

RefSeq Size: 1239 bp

RefSeq ORF: 792 bp

Locus ID: 93970

Product images:



Circular map for MG213684