

Product datasheet for **MG221591**

Klk6 (NM_001164698) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klk6 (NM_001164698) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Klk6
Synonyms: AI849898; BSP; Bssp; Klk29; MSP; neurosin; Prss9; Prss18
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG221591 representing NM_001164698
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCATGAAGATGCTGACAATGAAGATGCTGGCCCTGTGCTTGGTTCTTGCTAAATCAGCCTGGTCGG
AGGAACAGGAGAAGGTGGTTCATGGAGGCCGTGTTTGAAGGACTCCACCCTTCCAGGCTGCCCTCTA
CACCTCAGGTCACCTGTGTGGTGGGTCCTCATTGACCCACAGTGGGTGCTGACAGCTGCCACTGC
AAAAAACCGAATCTGCAGGTGATCTTGGGAAACACAACCTACGGCAAACAGAGACTTCCAAAGGCAAA
TCTCAGTGACAGGACTATTGTCCATCCCCGCTACAACCCTGAAACCCACGACAATGACATCATGATGGT
GCATCTGAAAAATCCAGTCAAATCTCTAAAAAGATCCAGCCTCTGCCCTTGAAGAATGACTGCTCTGAG
GAGAATCCCAACTGCCAGATCCTGGGCTGGGGCAAGATGGAAAATGGTGACTTCCCAGATACCATTCACT
GTGCTGATGTCCATCTGGTGCCTCCGGGAGCAGTGTGAGCGTGCCTACCCTGGCAAGATCACCCAGAGCAT
GGTGTGCGCAGGCGACATGAAAGAAGGCAACGATTCTGTGAGGGTGATTCTGGAGGTCCCTAGTATGT
GGGGTTCGCTCCGAGGGCTCGTGTGATGGGGTGACATGCCCTGTGGATCAAAGGAGAAGCCAGGAGTTT
ACACCGATGTCTGCACTCATATCAGATGGATCCAAAACATCCTCAGAAACAAGTGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG221591 representing NM_001164698
Red=Cloning site Green=Tags(s)

MPMKMLTMKMLALCLVLAKSAWSEEQEKVVHGGPCLKDSHPFQAALYTSGHLLCGGVLIDPQWVLTAAHC
 KKP NLQVILGKHNL RQTETFRQRI SVDRTIVHPRYNPETHDNDIMMVHLKNPVKFSKKIQPLPLKND CSE
 ENPNCQILGWGMENGD FPD TIQCADVHLVPREQCERAYPGKITQSMVCAGDMKEGNDSCQGDSSGGPLVC
 GGRLRGLVSWGDMPCGSKEKPGVYTDVCTHIRWIQNILRNKWL

TRTRPLE - GFP Tag - V

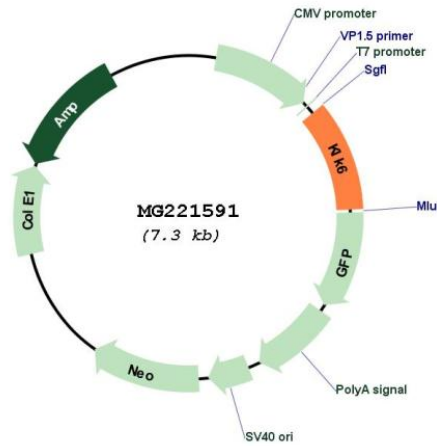
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001164698

ORF Size: 759 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:	<ol style="list-style-type: none">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_001164698.1 , NP_001158170.1
RefSeq Size:	1247 bp
RefSeq ORF:	762 bp
Locus ID:	19144
Cytogenetics:	7 28.28 cM