

Product datasheet for MR202560

Gm10639 (NM_001122660) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm10639 (NM_001122660) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gm10639
Synonyms:	ENSMUSG00000074179
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202560 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGGAAGCCCGTGCTTCACCACTTCAATGCCCGGGCAGAATGGAGTGCATCAGGTGGCTCCTGG
CTGCAGCAGGGGTGGAGTTTGAAGAGAAGTTTATACAGAGTCCGGAAGATTTGAAAAGCTAAAAAAGA
TGGGAATTTGATGTTTGACCAAGTGCCCATGGTGGAGATTGATGGGATGAAGCTGGTGCAGACCAGAGCC
ATTCTCAACTACATCGCCACCAATATGACCTCTATGGGAAGGACATGAAGGAGAGGCCCTGATTGACA
TGTATTCAGAAGTATTTAGATCTGACTGAAATGATTGGCAATTGTTAATATGTCCCCAGACCAAAA
AGAAGCCAAGACTGCCTTGGCAAAAGACAGGACCAAAAACCGTTACTTGCCTGCCTTTGAAAAGGTGTTG
AAGGGCCATGGACAAGACTACCTTGTGGCAACAGGCTGACCAGGGTGGACGTCCACCTGCTGGAATTC
TCCTCTATGTTGAAGAGTTTGTGCCAGCCTTCTGACTCCTTTCCTCTGCTGAAGGCCTTCAAGAGCAG
AATCAGCAGCCTCCCAATGTGAAGAAGTTCCTACAGCCTGGCAGCCAGAGAAAGCCTCCCTTGGATGCA
AAACAAATTGAAGAAGCAAGGAAGGTTTTCAAGTTT

ACGCGTACGCGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202560 protein sequence
Red=Cloning site Green=Tags(s)

MAGKPVLLHHFNARGRMECIRWLLAAAGVEFEKFIQSPEDLEKLLKKGDNLMFDQVPMVEIDGMKLVQTRA
 ILNYIATKYDLYGKDMKERALIDMYSEGILDLTEMIGQLLICPPDQKEAKTALAKDRTKNRYLPFAFEKVL
 KGHGQDYL VGNRLTRVDVHLELLLLYVEEFDA SLLTPFP LLKAFKSRIS SLPNVK KFLQPGSQRKPLDA
 KQIEEARKVFKF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_001122660

ORF Size: 669 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_001122660.1](#), [NP_001116132.1](#)

RefSeq Size: 874 bp

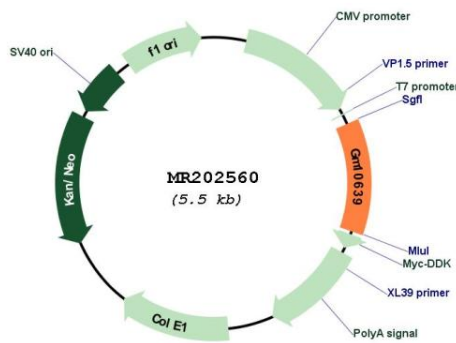
RefSeq ORF: 669 bp

Locus ID: 100042314

Cytogenetics: 9 E1

MW: 25.5 kDa

Product images:



Circular map for MR202560