

Product datasheet for MR215478

Mgam (NM_001171003) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mgam (NM_001171003) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mgam
Synonyms:	6030407P20Rik; MGA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR215478 representing NM_001171003 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

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TCATCATCGCGGTGGTTCTAATTGTGCTCTTAGCCAACCTCGACTCCAGAAAATGCCATAGGTGCTGAAAC
AACTGGCACTCCAGACTACAGTCACCAGGACTCTTAACCTCTCCAATTGCCAGTGCTAAGTGAG
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GGGATCCTCAGGGATCCATCAGTGTTCCTTGTCTATTACTCCAGGAATCATGGCTACAAAATGGAGAGTGA
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AGCATCGAAAACATCCTGCTTACAGCAGAGTACCAGACATCAAATCGCTTCCACTTTAAGTTGACTGACC
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 CTAACACTCCACAACCAAGATACTGAGTGTCAATATGACTGACAAAAAATCAGCCTGCACACTTCAAT
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Protein Sequence:

>MR215478 representing NM_001171003
 Red=Cloning site Green=Tags(s)

MAGRRFKKFSKLELVLIVLLLVLFIIAVLVIVLLANSTPENAI GAETTGPDTTVTRTTLNSPNCPLVSE
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 SIENILLTAEYQTSNRFHFKLTDQTKKRYEVPHEHVQPFSGNAPSSLN YKVEVSKEPFSIKVTRKSNNRV
 LFDSSIGPLLFSDQFLQFSTHLPSANVYGLGEHVHQYRHNMNWKTWPMFSRDTTPNEDGTLNLYGVQTF
 LCLEDNSGLSFGVFLMNSNAMEVTLQPTPAITYRTTGGILDYFVFLGNTPEQVVQYELELIGRPALPSY
 WTLGFQLSRYDYKSLDNMKAVVERNRAAQLPYDVQHADIDYMDQKKDF TYDPVNFKGFPEFVKELHNNQK
 LVIIIDPAISNNSFSSNPYGPYDRGSAMKIWNSSDGI SPVIGKVPWGTTFVPDYTPNCAVWWTKFEL
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 ADICGFAQDYEELCRRWMLGAFYFPRSRNHGQYKQDQDPA SFGNSSLNLSRHYLNIRYTLPLPYLTL
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 WRKQSIEMQLPGDKIGLHLRGGYIFPTQQPATTTEASRKNPLGLIVALDENKEARGELFWDGSKDTVA
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 TPEGRLYDVLIKENPFGIQIRRTTGTVIWDSQLLGFTFNDMFI RISTRLPSTYIYGFGE TEHTTFKIDM
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 FLGPTPEIVTQQYTELIGRPVMVPYWSLGFQLCRYGYENDTEIANLYDEMVAKQIPYDVQYSDIDYMERQ
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 DYPNITVDP SLGWDHQVEQYRAYVAFDPDFRNSTATWKKKEIKELHSNTQDPAKSLKFDGLWIDMNEPSS
 FVNGAVPSGCSDATLNHPPYMPYLEARDRGLSSKTLCESEQILPDGSRVRHYDVHNL YGWSQTRPTYEA
 VQEVTERGIVITRSTFPSSGRWGGHWLGDNTAAWDQLGKSIIGMDFSLFGISYTGSDICGFFQDAEYE
 MCVRWMQLGAFYFPRSRNHNTIGTRRQDPVSWNKTFEDISRVSLETRYTLPLYLTYL MYKAHTEGSTVVRP
 LLHEFVSDRETWNIDKQFLGPAFLVSPVLEPNARKVEAYFPRARWYDYKGV DINATGEWKTLEAPLEY
 INLHIRGGYILPWQEPAMNTHLSRQKFMGLRAALNAEGRAEGWLFWDDGKRINTDQYYLARFSVNQTLL
 THEKFNNYLTGTAPLYLGYIDIWGLSSSITNVSISWNTNNEEVFANYNSTTKILSVNMTDKKISLHTFN
 SLTWSSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

- 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_001171003.1](#), [NP_001164474.1](#)

RefSeq Size: 6488 bp

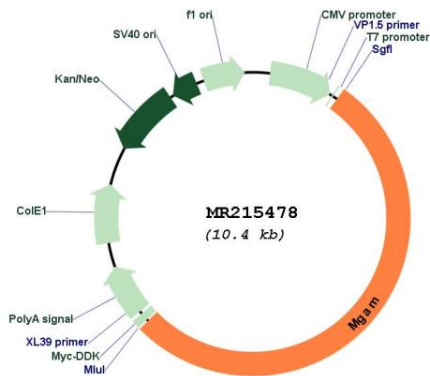
RefSeq ORF: 5484 bp

Locus ID: 232714

Cytogenetics: 6 B1

MW: 208.5 kDa

Product images:



Circular map for MR215478