

Product datasheet for **MR229105**

Gm6902 (NM_001270494) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm6902 (NM_001270494) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gm6902
Synonyms:	EG628664
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229105 representing NM_001270494 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACGGAGCAGGATCTGAAGATGATGGAGCAGGATCTGAAGGCCTGCTACTCAATTGAAGAGAACTTCG
ACACTAACTATAAGATGCTGAACACACTGGGTGAAGGAAAATTTTCAGTGGTAAACGAGCCTTCCATGT
CCCCACAAGTACCTCTGTGGCTGTAAAAATTCTCCAAAACACCAAGGAGTACACCTCACCCATCTGCAGG
GAAGCCAGGATTATGAAATCACTTAGCCATCCTAACATTATCAAGCTGTTTCATGTGGTCCAGAGAAGAG
AGACTACCTACCTGGTATGGAGTATGCCTCAGAGGGAGAGCTACAAGATCGCATCATCAAAGTGGGGTC
TTTAGAGGAGAGCGAGACTCGAAGGCTGTTTGCCAGATAGTACATGCAGTGCAGTACTGCCATGACCAT
CACATTGTCCATAGAGACATAAAGGCCAGCAACATCTTGATCGACTACAGGGGAAATGCCAAGCTGTGTG
ATTTTGGCTTGGCTGCTGAAGTGATTCTTGACAAAAGCTGGCAGGTTTCTGTGGCAGCTGCCCTACTG
TGCCCCGGAACCTTGCAAGCAGAGAAAATGAGGGCCCCCTGTAGATATCTGGAGTTTAGGGTCCCTC
CTGTTCTCATGGTATCTGGGAACCTGCCTTCCAAGGCAGGTATTTTGTGGACTAAAGCAGGAGATCA
TCTCTGCAAACCTCAGCATCCCTCCCATGTTTCCATTGATATTCTCAATGTCATCATTGAACCTGTGAT
GATCAATCCCAGCAGGAGGCCAACCATCCACAAATCATGAGGCACCCCATGATCAGGGCAGTGAGGCA
TGTTTACCACCTACTTCCACACAGATTTCCAGGCACCCCAAGCCACAGCATTGTGAGGACCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229105 representing NM_001270494
 Red=Cloning site Green=Tags(s)

MTEQDLKMMEQDLKACYSIEENFDTNKMLNTLGEGKFSVVKRAFHVPTSTSVAVKILQNTKEYTSPICR
 EARIMKSLSHPNIIKLFHVVQRRETTYLVMEYASEGELQDRIKVGSLSESETRRLFAQIVHAVQYCHDH
 HIVHRDIKASNILIDYRGNACLDFGLAAEVIPGQKLAGFCGTLPHYCAPELLQAEKYEGPPVDIWSLGVL
 LFLMVSGNLPFQGRYFVDLKQEIIISANFSIPSHVSIDILNVIIELLMINPSRRPTIHQIMRHPMIRGSEA
 CLPPTSTQISQAPQATALSGP

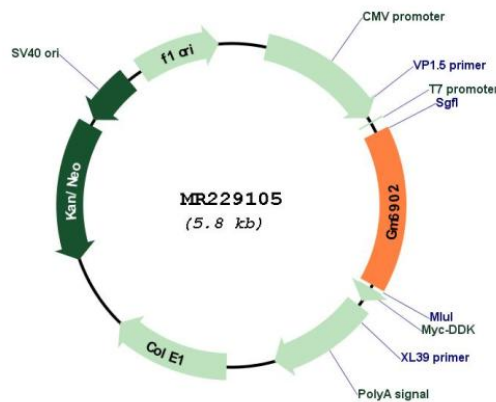
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001270494

ORF Size: 903 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_001270494.1 , NP_001257423.1
RefSeq Size:	1414 bp
RefSeq ORF:	906 bp
Locus ID:	628664
Cytogenetics:	7 A3
MW:	34.4 kDa