

Product datasheet for **MR229104**

4930402F06Rik (NM_001272040) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4930402F06Rik (NM_001272040) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	4930402F06Rik
Synonyms:	RP23-458A10.2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229104 representing NM_001272040 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACGTATCAGTGTCTCTGAAAAACCAACCAGAAGCTCCAGCCCTCAGACTGGTTAACGCCACAA
TGGACTCAACACACATGGGCATGAGAGCTACTAACTGGTCCGCTCCGATTGTGTGGACCAACTTACAA
TGAGTTAGTCTTGCAAGTTATTATAAGAAGCATCCAGTTACCGTGGGGTTGATCGTGTTCGAGTGGGA
AGATACCTTTTGTACTACTTGGGTCACCTCCTGGAATCTGCCGATAGGTTCTTCATGGTCAACCAGAAGG
TCATCATTACATCATGCTGGACGACTTCTCCTATATGCCATGGGTAGATCTGAGTCGCCATCGGACACT
AAAGATTTTAAAGATTAAGCAAGAGCGGAGGTGGCAAGATATCAGCATGGTGCATGAAGGTCATCAGT
GAACACATCGCAGGTCACATACAGCATGAGGTTGACTATGTCTTCTGCATGGATGTGGATCAGATATTCA
AAGCCAAGTACGGTCTGGAGACTCTGGGAGACTCTGTAGCTCAGTTGCACACGTATTGGTACAAGGAAAG
TCCAAGCAAAGTACCTTATGAGAGGAACAAGTCATCAGAAGCGTACATAGCAGTAGGCGAGGGGGACTTT
TATTACCATGCTGCTGTTTTGGAGGCACAACCCTCAGGTTTTCAAGATTACCAAGGAGTGTGCCAAAG
CAATTATGAAAGATAAGAAAAATAACATTGAAGCAGTTTTGGCATGATGAAAGCCATTTAAACAAGTATT
CTTTCTCCATAGACCCACTAAACTCTTGTACCAGAATATTGCTGGGATTTAAGTAAGAATAAGACTTCT
GATATTAAGACTGTCAAACCTCGCTTGAACCTTTAAGAACTATAAATTTCTTAGAAGGCGCCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229104 representing NM_001272040
 Red=Cloning site Green=Tags(s)

MTYQCWSLKNQPELQPSDFNATMDSTHGMGRATNWSAPIVWTNTYNELVLASYKKHPVTVGLIVFAVG
 RYLLYYLGHFLESADRFMVNQKVIIYIMLDDFSYMPWVDSL RHRTLKIFKIKQERRWQDISMVRMKVIS
 EHIAGHIQHEVDYVFCMDVDQIFKAKYGLETLGDSVAQLHTYWKESPSKVPYERNKSSEAYIAVGEGDF
 YYHAAVFGTTTQVFKITKECAKAIMKDKKNNIEAVWHDESHLNKYFFLHRPTKLLSPEYCWDL SKNKTS
 DIKTVKLAWNFKNYKFLRRRL

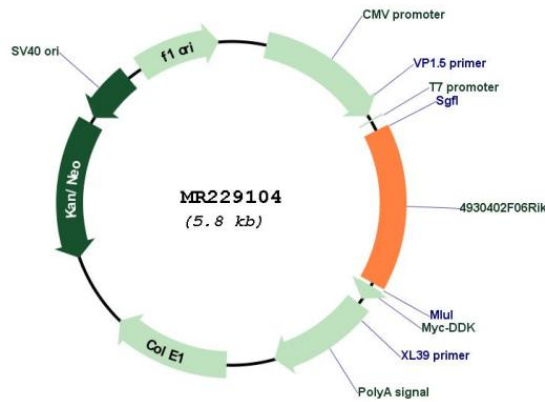
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001272040

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_001272040.1 , NP_001258969.1
RefSeq Size:	1287 bp
RefSeq ORF:	906 bp
Locus ID:	74854
Cytogenetics:	2 B
MW:	36.2 kDa