

Product datasheet for MR214793

Gm6377 (NM_001037917) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm6377 (NM_001037917) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gm6377
Synonyms:	EG622976; RP23-252O5.3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR214793 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTTGGAGAAGCCTTCTAACTAAATTCCTCTACAAAGAACAGAGACATGCAAACTTTACAAACCAC
TAAGATGTAAGAAGACATCAAATGACAAAAAGGAAAATGGGAAAATAAGCTTTTAGATACACCGGACAA
TTCACCTTTCCCTTTAAAGACTGGAAGCCAAGAGAAAAGTTATAGAAGGAAGTGAAGTGAACAAGACAAT
GATTCATCTCAAATCAAATCTATGGATGAGCTACCTGTTGCAAAATGCAATGTACACCTCTCCAGGAA
ATGTATCTGTTGCATTGCCATTCCAAAGAGGGGACAGGAGGAAACACAACCTGGATTTATATCGATCTTG
GTCATGTACAAGTATTTGCCAGAATTATCCTGACCTACAGATAGGAGGTGACCACATTAGAAACATGTAT
GATTCTGGTTGCTTTGTGGAACACACATATGATGATGTTGTAATGGTCCTCTTTTACTTTCAGTGGATA
TACCATTGGGCCACTCTCCTAAAATGGAGCCTCTAGAGAAAACGCTACCTCAAATTTCAATGGTGA
TGAAATTCGAGAAAAAGCATGCTATTACATAAGCAACCCCTCTAATTCTATGCTTAATAATTATATT
GAAAGAAAGGTGGATGAAGTCTACAAACAGTTTTTGAAGAAAATCTTACCAGGTGCCTCTCTATAACCA
ACCTCATGACTTCTAGCATACTGATGAATAATGTCAATCAAATTAGCCTCAAATCTCTCAGGAGCAGAA
CATAGAGGCATCCAAAGCCGAGAAGCCCTTCTCCACTTTTAGCACTATGCAATCTTCGTAATGTTTCC
CACAGAAACAGTACTGAATTAAGTACTCCTAACTTACAAATATCAAACCAAGCTAGTCGGGAATTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR214793 protein sequence
Red=Cloning site Green=Tags(s)

MLGEAFLTKFLYKEQRHAKLYKPLRCKKTSNDKKNWENKLLDTPDNLSPKKTGSQEKVIEGSVTEQDN
 DSSQIKSMDELPAKCKCTPLPGNVSVLALPIPKRGQEEQLDLYRSWSCTSIQNYPDQLIGGDHIRNMY
 DSGCFVEHTYDDVCNGPLLLSVDIPLGHSPKMEPLEKTSTSKLFNGDEIREKSMLLHKQPLSNMNLNNYI
 ERKVDELKQFLEENLTRCLSTITNMTSSILMNNVNIQISLQISQEQNIEASKAREALLHSLALCNLRNVS
 HRNSTELSTPNLQISNQASREFV

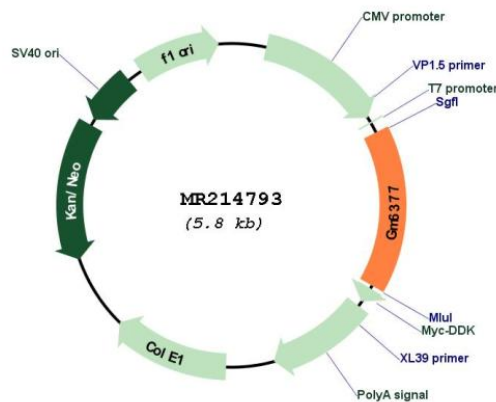
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001037917

ORF Size: 912 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_001037917.2 , NP_001033006.1
RefSeq Size:	2801 bp
RefSeq ORF:	912 bp
Locus ID:	622976
Cytogenetics:	X D
MW:	34.4 kDa