

Product datasheet for **MR209272**

D17H6S56E-5 (NM_033075) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	D17H6S56E-5
Synonyms:	G7e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR209272 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAGGTGATGAAGTCTCGATCACTAGACGGGAGATGCTGCCAAGTGCCCCAGACGGGATCAAGACTC
CAATGACAACCATAAGATTCCCTAAAGCTAAGACACTGCAGATCTTGACTCTGCTGATTCTATAGGTGT
GGTCCAAACTAGTCCATATGCCCATGAACCCCAACCTTACTTGGGTTATAACTAACACTGCTACGGGG
ACTGTAATTAACTCGACCTCCACCTCGCCCCATTGGAACCTGGTTTCTGATCTGTTTTGATTGT
GTGCACTAGCGGATGGGACCTGGGATCCCTGGGCTTGATGAGGGGTGCAACATCCAGCTCAACACAG
TGAACCTCGGAGAACCCCTTCTATGTCTGCCCTGGAGAGGGGAGGTCTCCACAGCAGACGGCTACCTGT
GGAGGACCAGAGTCATACTTCTGTGCATATTGGGTTGTGAGTCGACTGGGTCCATCTCCTGGAGCCAC
CGATAAAGATGACCTCATCAAGGTCCAAGGAGCCCTGGATCGGAATCCCAAGGATGGGGGTATGGATT
GCAGCCCAAGCTGGATGCAATGATCTTGGTGGCCATGTTCTCCAACGTAAACCCATTACAGTTCAG
TTCACCCCAAGGAAAAGAAAGCGTAGGATGGGAAAAGGAAAGACATGGGGAATAAGACTGTATGTGT
CTGGATATGACTATGGAGTAATGTTTACGATCCAACCTCTGCCCCGACAGGGCATGCCTTTAGGCCCAA
TCCAGCCCTGCCCTGTTGGACTCAGCGTGACTCAATCACAAATCACAGTCCCATTTCTCAGGAACCT
AGACCCAGGTCTGGGCACTGGGACTTGCTTAAGGCCACTTACCTGGTATTGAATAATTCTAAACCAGAGC
TTACAAGTAAATGTTGGCTCTGCTTGGATGCCAGCCACCTATTATGAAGGAATAGCCGTTCTGGAAA
TTATACCACCTCTACTGACAACAAGGACTGTGCTTGGCAGTATCCAGGTAAGGGAGACTAACCTTAGAG
CTAATTCAGGAAAAGGACTCTGCTTTGGGACAATACCCACACCCATAGACATTTATGTAATAGCATCC
AGGAAGCCCCAGACAGGGATGCTTACATTATACCCCATCAATACATGGTGGGCATGCACTACTGGCT
GACATCTTGATCCACACCCAGGCTCTAACCTCACAAATGGATTTTGTGTACTGGTCCAGCTTGGCCCT
AGAATTCCTCGTTACTCTGATGAGATGGGACCAGACTATCTCCATTCCAGCTGCTCGAGCGAAGCGGG
CTACTGTTGCCGAGATCCTGGTGCATCAGCCTTCGACTTCCAAGATGAGAATTATAAAGTGTTAAGCTC
TGCCATAGATGCAGATTTAATGGAAGTGGGAAATCCTTATCCAAGTCCAAACCTCATTAACTTCTCTA
AGGGAGGCCACCCCTTCGAAATCAGCGGGAACAAGACTTCCAATCTCTGCAACAGGATGGACTGTGTAAAC
CTCTGGAGAAAAGGTGCTGCACCTTTGTGGATAACTTAAAGCATGCGAGGGAGTTATTGGCTAAGGTGAG
GAAACGTCTAGAAGACAGGAAAAGGAAATGGAACAGGGTCAGCCTGTTGGATTACAGTTATTGCAACT
CTGTCTGGATTCTTGGCCTGGTCATACTATTGTGATATGCAAGCTCTATGTTGTTAACCCCTGATGG
ATTCATCAAGGACCAGGTCTTCACCATCCGACACGTAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209272 protein sequence
Red=Cloning site Green=Tags(s)

MKGDEVSIIRREMLPSAPDGIKTPMTTIRFPKAKTLQILLLISIGVVQTSMPMPHEPHNLTWVITNTATG
TVINSTSHLAPIGTWFPDLVFDLCALADGTWDLGLVWGCQHPAQHSELRRTPFYVCPGEGRSPQQTATC
GGPESYFCAYWGCESTGSIWTPPIKDDLIKVQRSPGSESQGWGYGLQPKLDANDLGGPCSSNCPITVQ
FTPKGKESVGWEKGKTWGLRLYVSGYDYGVMFTIQLSARQGMPLGPNPALPPVGLTVTQSQITVPISQEL
RPRSGPWDLLKATYLVNNSKPELTSKWLCLDAQPPYYEGIAVPGNYTTSTDNKDCRWQYPGKGRLTLE
LIQKGKLCFGTIPHTRHLNSIQEAPDRDAYIIPPINTWWACTTGLTSCIHTQALNLTNGFCVLVQLAP
RILRYSDEMTRLSPFPAARAKRATVAEILGASAFDFQDENYKVLSSAIDADLMELGKSLSKSKTSLTSL
REATLRNQREQDFQSLQDGLCKPLEKRCCTFVDNLKHARELLAKVRKREDRKREMEQGPVWITVIAT
LSGFLGLVILIVICKLYVYNPLMSSRTRSSPSDTY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_033075

ORF Size: 1788 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:

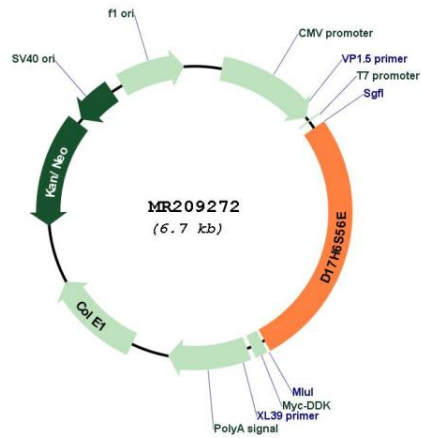
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_033075.1](#), [NM_033075.2](#), [NM_033075.3](#), [NP_149066.1](#)

RefSeq Size:	3326 bp
RefSeq ORF:	1791 bp
Locus ID:	110956
Cytogenetics:	17 18.54 cM
MW:	65.9 kDa

Product images:



Circular map for MR209272