

Product datasheet for MR225567

Ide (NM_031156) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ide (NM_031156) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ide
Synonyms:	1300012G03Rik; 4833415K22Rik; AA675336; AI507533
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225567 representing NM_031156 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGAACGGGCTCGTGTGGCTGCTGCACCCCGCGCTGCCCGGCACCTTGCGCTCCATCCTCGGCGCC
GCCCGCCCGCGAAGCTACTGTGTGGATTCCAAAACAGACTTACAGCACAATGAGTAATCCGGCCAT
CCAGAGAATAGAAGACCAAATTGTCAAGTCTCCTGAAGACAAACGGGAATACCGTGGACTAGAGCTGGCC
AATGGCATCAAAGTGCTTCTCATCAGCGATCCCACCACAGACAAGTCTCAGCGGCCCTCGATGTGCACA
TAGGTTCACTGTCAGACCCTCCAAATATTCCTGGCTTAAGTCATTTTTGTGAACATATGCTGTTTTGGG
AACCAAGAAATATCCTAAAGAAAATGAATATAGCCAGTTTCTCAGTGAACATGCTGGAAGTTCAAATGCA
TTCACCAGTGGAGAACACACCAATTATTATTCGATGTTCCCATGAACACTTGAAGGAGCCCTGGACA
GGTTTGCGCAGTTTTTCTGTGCCCTTGTGATGCAAGTTGTAAGACAGAGAGGTGAACGCTGTCTGA
TTCAGAACATGAGAAGATGTGATGAACGATGCCTGGAGACTCTCCAGCTGGAAAAGGCTACGGGGAAC
CCCAAACCCCTTCAGCAAATTTGGGACAGGAAACAAATATACTCTAGAGACTCGGCCAACCAAGAAG
GCATCGACGTAAGGGAAGAGCTCTTGAATTTCACTCTACGTATTATTCGTCCTGATGGCGATTTG
TGTTTTAGGTCGAGAATCCTTAGACGACCTCACTAACCTGGTGGTGAAGCTGTTCTCCGAGTGGAGAAC
AAGAACGTTCTCTGCTGAGTTCCTGAGCACCTTTCCAGGAAGGAGCATCTCAGGCACTTTATAAAA
TAGTACCCATTAAGGATATTAGAAATCTTTATGTGACATTTCCCATACCGACTTCCAGCAGTACTACAA
ATCCAATCCTGGTCATTATCTTGGTCATCTAATTGGGCACGAAGTCTGGAAGCCTGTTGTCAGAACTC
AAATCAAAGGGCTGGGTGAATACCTGGTTGGTGGACAGAAGGAAGGAGCCCGAGTTTTATGTTTTTTA
TCATTAATGTGGACTTAACTGAAGAAGGTTATTGCACGTTGAAGATATAATTTGCACATGTTTCAATA
CATTGAGAAGCTACGTGCAGAAGGACCTCAAGAATGGGTTTTCCAAGAGTGAAGGACTTGAATGCTGTT
GCTTTGAGATTTAAAGATAAAGAGAGACCAGGAGCTATACGTCCAAGATTGCAGGAAAGTTGCACTATT
ATCCCCTAAATGGAGTGTCTCACAGCTGAATATCTATTGGAGGAATTTAGACCCGACTTGATAGACATGGT
TCTTGATAAACTCAGACCAGAAAATGTGCGGGTGGCAATAGTTTCCAAATCATTTGAAGGAAAACACTGAC



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CGCACAGAGCAGTGGTATGGAACACAGTATAAGCAAGAAGCTATCCCAGAGGACATCATTAGAAATGGC
 AAAATGCTGACCTTAATGGAAAATTTAAGCTTCCAACAAAGAATGAATTTATCCCAAAATTTTGAGAT
 TTTGTCATTAGAAAAAGATGCAACACCATACCCTGCTCTTATTAAGGATACAGCCATGAGTAAGCTGTGG
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 GCCTCACCAGCATGCCATGTACTACCTCCGCTTGTCTGATGACTGAAGTGGCCTGGACTAAAGATGAGCTA
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 ATATTGAAGCACTTCTCCATGGAACATAACCAAGCAGGCTGCCTTAGGAGTTATGCAGATGGTAGAAGA
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 CTCCTGACAGAGGATGGTTTGTATCAGCAGAGGAATGAAGTTCACAATAACTGCGGCATCGAGATCT
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 AACGGTATCCAAGGCTTGCCTTCATCACCAGTCAGAAAACCACCCCACTACCTGGAGAGCAGAGTAG
 AAGCCTTCTTGATTACCATGGAAGGCCATAGAGGACATGACAGAGGAGGCGTTCCAAAACACATTCA
 AGCACTAGCGATTCGGCGACTCGACAAACCAAGAAACTCTCTGCGGAGTGTGCTAAATACTGGGGGAA
 ATCATCTCGCAGCAGTACAATTACGACAGAGATAACATAGAAGTGCATATTTAAAGCACTTACCAAGG
 ACGATATCATCAGATTCTACCAGAAATGTTGGCTGTGCGACGCCAGGAGACATAAAGTGTCTGTCCA
 TGTTCTTGCCAGGAAATGGATTCTTGTCTGTTGGAGAGTCCCTCTCAGAATGATATAAACTTG
 TCCGAAGCGCCACCCTTGCCACAACCTGAAGTATTACAACATGACTGAGTTCAAGCGTGGCCTGCCAC
 TGTTTTCCCTCGTGAACCACATATTAACCTTCATGGCTGCAAACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225567 representing NM_031156
 Red=Cloning site Green=Tags(s)

MRNGLVLLHPALPGTLRSILGARPPPAKLLCGFPKQTYSTMSNP AIQRIEDQIVKSPEDKREYRGLLELA
 NGIKVLLISDPPTDKSSAALDVHIGSLSDPPNIPGLSHFCEHMLFLGTTKYPKENEYSQFLSEHAGSSNA
 FTSGEHTNYYFDVSHHELEGALDRFAQFFLCPLFDASCKDREVNVDSEHEKNVMNDAWRLFQLEKATGN
 PKHPFSKFGTGNKYTLTRPNQEGIDVREELLFHSTYSSNLMAICVLGRESLDDLNLVVKLFSEVEN
 KNVPLPEFPEHPFQEEHLRQLYKIVPIKDIRNLVYTFPIPDLQQYYKSNPGHYLGHIGHEGPGSLLSEL
 KSKGWVNTLVGGQKEGARGFMFFIINVDLTEEGLLHVEDIILHMFQYIQLRAEGPQEWVFQECKDLNAV
 AFRFKDKERPRGYTSKIAGKLHYPLNGVLTAEYLLEEFRPDLIDMVLDKLRPENVRVAIVSKSFEGKTD
 RTEQWYGTQYKQEAIPEDI IQWQNADLNGKFKLPTKNEFIPTNFEILSLEKDATPYPALIKDTAMSKLW
 FKQDDKFFLPKACLNFEFFSPFAYVDPLHCNMAYLYLELLKDSLNEYAYAAELAGLSYDLQNTIYGYLS
 YKGYNDKQPIILLKITEKMATFEIDKKRFEI IKEYMRSLLNFRAEQPHQHAMYLLRLLMTEVAWTKDEL
 KEALDDVTLPRLKAFIPQLLSRLHIEALLHGNITKQAALGVMQMVEDTLIEHAHTKPLLPQLVRYREVQ
 LPDRGWFVYQQRNEVHNNCGIEIYYQTMQSTSENMFLELFCQI ISEPCFNTLRKEQLGYIVFSGPRRA
 NGIQGLRFIIQSEKPPHYLESRVEAFLITMEKAIEDMTEEFQKHIQALAIRRLDKPKLSAECAYWGE
 IISQYNYDRDNIEVAYLKTITKDDIIRFYQEMLAVDAPRRHKVSVHVLAREMDSCPVVGEPSPQNDINL
 SEAPPLPQPEVIHNMTEFKRGLPLFPLVKPHINFMAAKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9048_e11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_031156

ORF Size: 3057 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.

RefSeq: [NM_031156.3](#), [NP_112419.3](#)

RefSeq Size: 5087 bp

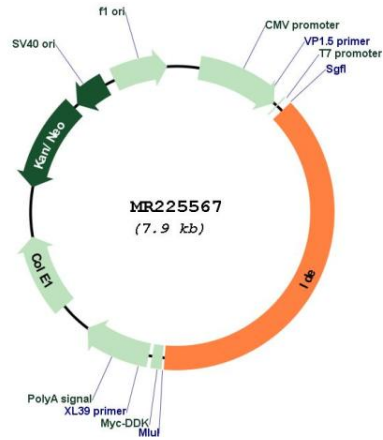
RefSeq ORF: 3060 bp

Locus ID: 15925

Cytogenetics: 19 32.24 cM

MW: 118.1 kDa

Product images:



Circular map for MR225567