

Product datasheet for MR228352

1600012H06Rik (NM_001083881) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1600012H06Rik (NM_001083881) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 1600012H06Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228352 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGCTACTCCCTGGAGGCGGCCCTGTTGATGATCCTGGCGTCCCAGGTGGTGACCCTGGTAAATGTT
 TGAAGACGACGACGTCCCGGAGGAGTGGCTCCTTCTGCACGTGGTCCAGGGCAAATAGGAGCCGGAA
 TTACAGCTACTTGCAGTGAACCATGAGGGTAAAATTATCTCAGGATGCAGAGCCTGAGAGGGGATGCC
 GACCTGTACGTGTCGGACAGCACTCCGCACCCGAGCTTCGACGACTATGAGCTGCAGTCTGTCACCTGCC
 GCCAGGATGTGGTCTCTATACCGCACACTCCAGCGACCGTCCGGATAGGAATTTATGGACACCCCTC
 TCACCATGAGAGCGACTTTGAGATGAGGGTATACTATGACAGAAGTGTGGATCAGTACCCATTCGGAGAG
 GCTGCCTATTTCACTGACCCAACAGGAGCCAGTCAGCAGCAGGCTTACGCTCCAGAAGAGGCAGCCCAAG
 AGGAGGAATCAGTTCTCTGGACGATATTGATTAGCATTGAACTGGTCTTGAATTTCTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228352 protein sequence
 Red=Cloning site Green=Tags(s)

MATPWRALLMILASQVVTLVKCLEDDVPEEWLLLHVVGQIGAGNYSYLRNLNHEGKIILRMQSLRGDA
 DLYVSDSTPHPSFDDYELQSVTCGQDVVSI PAHFQRPVIGIYGHPSHHESDFEMRVYYDRTVDQYPFGE
 AAYFTDPTGASQQAYAPEEAAQEESVLWTILISILKLVLEILF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



[View online »](#)

Cloning Scheme:


ACCN: NM_001083881

ORF Size: 555 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_001083881.1](#), [NP_001077350.1](#)

RefSeq Size: 2574 bp

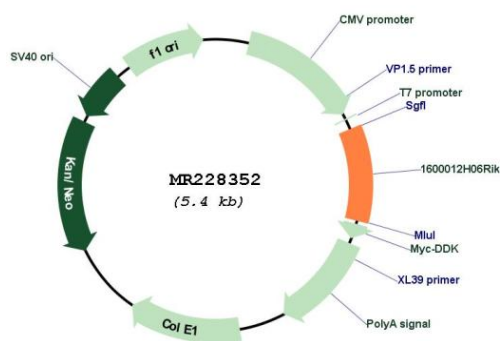
RefSeq ORF: 558 bp

Locus ID: 67912

UniProt ID: [Q9DAY5](#)

Cytogenetics: 17 A2
 MW: 20.9 kDa
 Gene Summary: May be involved in induction of apoptosis in CD4(+) T-cells, but not CD8(+) T-cells or hepatocytes.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR228352