

## Product datasheet for MR228353

### 1600012H06Rik (NM\_026451) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: 1600012H06Rik (NM\_026451) 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: >MR228353 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGGCTACTCCCTGGAGGCGGCCCTGTTGATGATCCTGGCGTCCCAGGTGGTGACCCTGGTAAAATGTT  
 TGGAAAGACGACGACGTCCCGGAGGAGTGGCTCCTTCTGCACGTGGTCCAGGGCCAATAGGAGCCGGAA  
 TTACAGCTACTTGCAGTGAACCATGAGGGTAAAATTATCTCAGGATGCAGAGCCTGAGAGGGGATGCC  
 GACCTGTACGTGTCGGACAGCACTCCGCACCCGAGCTTCGACGACTATGAGCTGCAGTCTGTCACCTGCG  
 GCCAGGATGTGGTCTCTATACCGGCACACTCCAGCGACCGTCCGGATAGGAATTTATGGACACCCCTC  
 TCACCATGAGAGCGACTTTGAGATGAGGTATACTATGACAGAAGTGTGGATCAGTACCCATTCGGAGAG  
 GCTGCCTATTTCACTGACCCAACAGGAGCCAGTCAGCAGCAGGCTTACGCTCCAGAAGAGGCAGCCCAAG  
 AGGAGGAATCAGTTCTCTGGACGATATTGATTAGCATTGAACTGGTCTTGAATTCTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228353 protein sequence  
 Red=Cloning site Green=Tags(s)

MATPWRALLMILASQVVTLVKCLEDDVPEEWLLLHVVGQIGAGNYSYLRNHEGKIILRMQSLRGDA  
 DLYVSDSTPHPSFDDYELQSVTCGQDVVSI PAHFQRPVGIYGHPSHESDFEMRVYDRTVDQYPFGE  
 AAYFTDPTGASQQAYAPEEAAQEESVLWTILISILKLVLEILF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_026451

**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\\_026451.2](#), [NP\\_080727.2](#)

**RefSeq Size:** 2509 bp

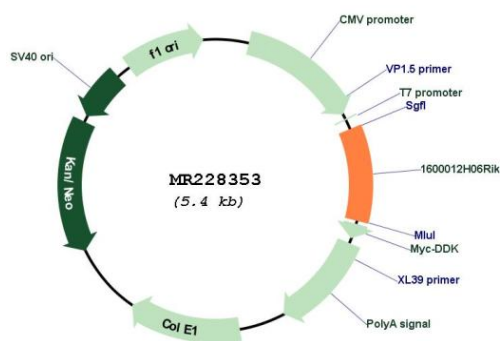
**RefSeq ORF:** 558 bp

**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 MR228353