

Product datasheet for **MR228351**

1600012H06Rik (NM_001083880) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1600012H06Rik (NM_001083880) 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: >MR228351 representing NM_001083880
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTGAAGACGACGACGTCCCGGAGGAGTGGCTCCTTCTGCACGTGGTCCAGGGCCAAATAGGAGCCG
GGAATTACAGCTACTTGCGGTTGAACCATGAGGGTAAAATTATTCTCAGGATGCAGAGCCTGAGAGGGGA
TGCGGACCTGTACGTGTCGGACAGCACTCCGCACCCGAGCTTCGACGACTATGAGCTGCAGTCTGTCACT
TGCGGCCAGGATGTGGTCTCTATACCGGCACACTCCAGCGACCGGTCCGGATAGGAATTTATGGACACC
CCTCTCACCATGAGAGCGACTTTGAGATGAGGGTATACTATGACAGAAGTGTGGATCAGTACCCATTCCG
AGAGGCTGCCTATTTCACTGACCCAACAGGAGCCAGTCAGCAGCAGGCTTACGCTCCAGAAGAGGCAGCC
CAAGAGGAGGAATCAGTTCTCTGGACGATATTGATTAGCATTGAAACTGGTGCTTGAATTCTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228351 representing NM_001083880
Red=Cloning site Green=Tags(s)
MFEDDDVPEEWLLLHVQGIAGNYSYLRNLNHEGKIILRMQSLRGDADLYVSDSTPHPSFDDYELQSVT
CGQDVVSI PAHFQRPVGIYGHPSHESDFEMRYYDRYVDQYPFGEAAFYTDPTGASQQAYAPEEAA
QEEESVLWTILISILKLVLEILF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_001083880

ORF Size: 489 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_001083880.1](#), [NP_001077349.1](#)

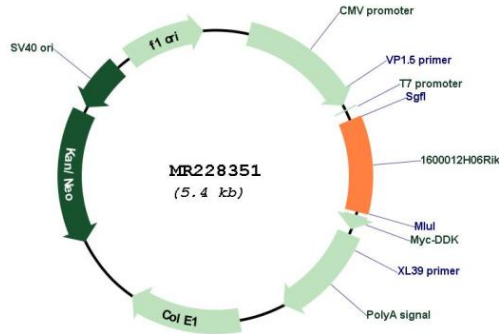
RefSeq Size: 2504 bp

RefSeq ORF: 558 bp

Locus ID: 67912

UniProt ID: Q9DAY5
 Cytogenetics: 17 A2
 MW: 18.5 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 MR228351