

Product datasheet for MR229465

H2-L (NM_001267808) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: H2-L (NM_001267808) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: H2-L
 Synonyms: H-2L
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >MR229465 representing NM_001267808
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTCCGCGCACGCTGCTCCTGCTGCTGGCGGCCCTGGCCCGACTCAGACCCGCGGGGCCACACT
 CGATGCGGTATTTGAGACCGCGGTGTCGCGGCCGGCCCTCGGGGAGCCCCGGTACATCTCTGTCGGCTA
 TGTGGACAACAAGGAGTTCGTGCGCTTCGACAGCGACCGGAGAATCCGAGATATGAGCCGAGGCGCCG
 TGGATGGAGCAGGAGGGCCGGAGTATTGGGAGCGGATCACGCAGATCGCCAAGGGCCAGGAGCAGTGGT
 TCCGAGTGAACCTGAGGACCCTGCTCGGCTACTACAACCAGAGCGCGGGCGGCACTCACACACTCCAGT
 GATGTACGGCTGTGACGTGGGGTCGGACGGGCGCCTCCTCCGCGGTACGAGCAGTTCGCCTACGACGGC
 CGTGATTACATCGCCCTGAACGAAGACCTGAAAACGTGGACGGCGCGGACATGGCGGCGCAGATCACCC
 GACGCAAGTGGGAGCAGGCTGGTGTGCAGAGTATTACAGGGCCTACCTGGAGGGCGAGTGCCTGGAGTG
 GCTCCACAGATACCTGAAGAACGGGAACGCGACGCTGCTGCGCACAGATCCCCAAAGGCACATGTGACC
 CATCACCCAGATCTAAAGGTGAAGTCAACCTGAGGTGCTGGGCCCTGGGCTTTTACCCTGCTGACATCA
 CCCTGACCTGGCAGTTGAATGGGAGGAGCTGACCCAGGACATGGAGCTTGTGGAGACCAGGCCCTGCAGG
 GGATGGAACCTTCCAGAAGTGGGCATCTGTGGTGGTGCCTCTGGGAAGGAGCAGAATTACACATGCCGT
 GTGTACCATGAGGGGCTGCCCATCCCCCTCACCTGAGATGGGAGCCTCCTCCGTCCACTGACTCTTACA
 TGGTGATCGTTGCTGTTCTGGGTGTCCTTGGAGCTATGGCCATATTGGAGCTGTGGTGGCTTTTGTGAT
 GAAGAGAAGGAGAAACACAGGTGAAAAGGAGGGGACTATGCTCTGGCTCCAGGCTCCCAGAGCTCTGAA
 ATGTCTCTCCGAGATTGTAAGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229465 representing NM_001267808
 Red=Cloning site Green=Tags(s)

MAPRTL L L L L L A A W P D S D P R G P H S M R Y F E T A V S R P L G E P R Y I S V G Y V D N K E F V R F D S D A E N P R Y E P Q A P
 W M E Q E G P E Y W E R I T Q I A K G Q E Q W F R V N L R T L L G Y Y N Q S A G G T H L Q W M Y G C D V G S D G R L L R G Y E Q F A Y D G
 R D Y I A L N E D L K T W T A A D M A A Q I T R R K W E Q A G A A E Y Y R A Y L E G E C V E W L H R Y L K N G N A T L L R T D S P K A H V T
 H H P R S K G E V T L R C W A L G F Y P A D I T L T W Q L N G E E L T Q D M E L V E T R P A G D G T F Q K W A S V V V P L G K E Q N Y T C R
 V Y H E G L P H P L T L R W E P P P S T D S Y M V I V A V L G V L G A M A I I G A V V A F V M K R R R N T G G K G G D Y A L A P G S Q S S E
 M S L R D C K A

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

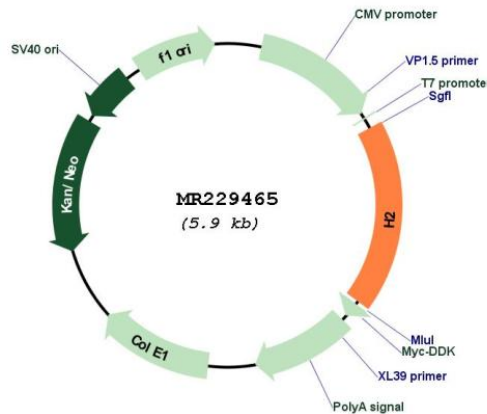
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001267808

ORF Size:	1074 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:	<ol style="list-style-type: none">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_001267808.1 , NP_001254737.1
RefSeq Size:	1077 bp
RefSeq ORF:	1077 bp
Locus ID:	14980
MW:	41 kDa