

Product datasheet for MR229305

H2-T-ps (NM_001271005) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H2-T-ps (NM_001271005) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	H2-T-ps
Synonyms:	C920025E04Rik; H2-T11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229305 representing NM_001271005 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGCTTTTGGCCACTTGCTCCAGCTGCTGGTCAGCGCCACAGTCCCAGCCAGAGTAGCTCACACT
CGCTGCGGTATTTCCACACCGTCGTATCCCGGCCCGCCCTCGGAGAGCCCGGTTTCATCATTGTCGGCTA
CGTGGACGACACGCAGTTCGTGCGCTTCGACAGCGACTCGGAGAATCCGAGGATGGAGCCTCGGGCGCG
TGGATTGAGCAGGAGGGCCGGAGTATTGGGAGCGGGAGACTCGGAAAGCCAGGGACATGGGGAGGAACT
TCAGAGTAAACCTGAGGACCCTGCTCGGCTACTACAATCAGAGTAAGGACGAATCTCACACGCTGCAGTG
GATGTACGGCTGCGACGTGGGGCCCGATGGGCGCCTGCTCCGCGGTATTGTCAGGAGGCATATGATGGC
CAGGATTACATCTCCCTGAACGAAGACCTGCGCTCCTGGACCGGACCAACTTAGCCTCGCATATCTCTA
AGTGCAAGTCAGAGGCGGTGATGAGGCCCAACAGAGGGCATACTGCAAGGTCCTTGGCTGGAGTG
GCTCCATACATACCTACAGCTGGGAAGTGAGACTGCTGCGCTCAGACCCTCAAAGGCACATGTGACC
CCCTGACCTGGCAGTTGAATGGGGAGGAGCTGACCCAGGACATGGAGTTTGTGGAGACCAGGCCTGCAGG
GGATGGAACCTTCCAGAAGTGGGCATCTGTGGTGGTGCCTCTGGGAAGGAGCAGAATTACACATGCCAT
GTGTACCATGAGGGGCTGCCTGAGCCCTCACCTGAGATGGGAGCCTCCTCCATCCACTGTCTCCAACA
TGGTAATCATTGCTGTTCTGTTGCTCCTTGGAGCTGTGATAGTCATTGTTGCTGTGGTGGCTTTTGAAT
GAAGAGGAGGAAAACACAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229305 representing NM_001271005
 Red=Cloning site Green=Tags(s)

MLLFAHLLQLLVSATVPTQSSSHSLRYFHTVVSRLPGLGEPRFIIIVGYVDDTQFVRFDSSENPRMEPRAR
 WIEQEGPEYWERETRKARDMGRNFRVNLRTLLGYYNQSKDESHTLQWYMGCDVGPDRLLRGYQCQEAYDG
 QDYISLNEDLRSWATNLASHISKCKSEAVDEAHQQRAYLQGPCVWLHTYLQLGSETLLRSDPPKAVHT
 RHPRPEGDVTLRCWALGFYPADITLTWQLNGEELTQDMEFVETRPAGDGTFFQKWASVVVPLGKEQNYTCH
 VYHEGLPEPLTLRWEPPPSTVSNMVIIVLVVLGAVIVIVAVVAFVMKRRKTQV

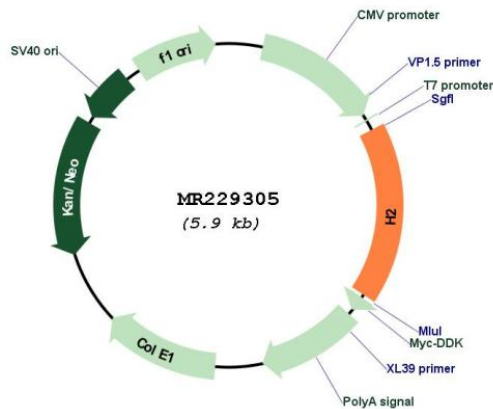
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001271005

ORF Size: 1002 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_001271005.1 , NP_001257934.1
RefSeq Size:	1289 bp
RefSeq ORF:	1005 bp
Locus ID:	667803
Cytogenetics:	17 B1
MW:	38.7 kDa