

Product datasheet for MC225643

H2a1b (NM_001242947) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: H2a1b (NM_001242947) Mouse Untagged Clone
Tag: Tag Free
Symbol: H2a1b
Synonyms: Gm14474; OTTMUSG00000016779
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC225643 representing NM_001242947
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCAAGAAAATGCAAAGGCGAAGAAGACAGAAAAGAACCCGCTCCCAGAGAGGTGAGCTTCCTCTTA
 GCCTTGATAGTCGTTTCTACGAGAGGAATTCATTCCAGTCGCCTGAGCTCTCCGCACCTTCATTCTT
 CACGAGTGTGCTCGAGTACTTAACATCGAACATCCTCGAACTGGTGGTGAGGTGGCCAGACCACTGGC
 AGGAAGCGCATAGCTCCAGAGGATGTACATCTGGTGGTACAGAACAACGAGCTCCGCCAACTCTTCA
 AACCAGGTGGCACATCAGTGAATGAGGATGACAACGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001242947
Insert Size: 318 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001242947.1</u> , <u>NP_001229876.1</u>
RefSeq Size:	490 bp
RefSeq ORF:	318 bp
Locus ID:	100042927
Cytogenetics:	X A1.1