

Product datasheet for **MG200662**

H2bu2 (NM_030082) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: H2bu2
Synonyms: 1500011O09Rik; AI413321; Hist3h; Hist3h2ba
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG200662 representing NM_030082
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCGGAGCCTTCCCCTCCACTCCCGCCCCGAAGAAAGGCTCCAAGAAAGCCATACCAAGGCTCAGA
AAAAGGATGGCAAGAAACGCAAACGGGGCCGCAAGGAGAGCTACTCCATCTACGTGTACAAGGTGCTGAA
GCAGGTGCATCCGGACACCGGCATCTCGTCCAAGGCCATGGGCATCATGAACTCGTTCGTCATGACATC
TTCGAGCGCATCGCCAGCGAGGCTCCCGCCTGGCGCATTACAACAAGCGCTCGACCATCAGTCCCGCG
AGGTGCAGACGGCCGTGCGCCTGCTGCTGCCCGGGAGCTGGCCAAGCATGCCGTGTCCGAGGGACCAA
GGCAGTCACCAAATACACCAGCTCCAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence: >MG200662 representing NM_030082
Red=Cloning site Green=Tags(s)

MPEPSRSTPAPKKGSKKAITKAQKKGKRRGRKESYSIYVYKVLKQVHPDTGISSKAMGIMNSFVNDI
FERIASEASRLAHYNKRSTITSREVQTAVRLLLPGELAKHAVSEGTKAVTKYTSSK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



RefSeq:	NM_030082.4
RefSeq Size:	623 bp
RefSeq ORF:	381 bp
Locus ID:	78303
UniProt ID:	Q9D2U9

Cytogenetics: 11 B1.3

Gene Summary: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. [provided by RefSeq, Sep 2015]

Product images:



Circular map for MG200662