

Product datasheet for **MG200997**

Hbb (BC052008) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hbb (BC052008) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Hbb
Synonyms: betaH1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200997 representing BC052008
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTCACCTCAGCTGAGGAGAAGGCAGCTATCACAAGCATCTGGATAAAGTGGACTTGGAAAAAG
TTGGAGGAGAACTCTGGGAAGGCTCCTGATTGTTTACCCATGGACTCAGAGATTCTTTGACAAGTTTGG
AAACCTCTCTTCTGCCCTGGCCATCATGGGAAACCCCGGATTAGAGCCCATGGCAAGAAAGTGTGACA
TCCTTGGCTTGGGGTTAAGAACATGGACAACCTCAAGGAGACCTTTGCTCATCTCAGTGAGCTGCACT
GTGACAAGCTTTCATGTGGATCCTGAGAATTCAAGCTCCTGGCAACATGTTGGTATTGCTTTCTAC
TCATTTTGCCAAGGAATTCACCCAGAGGTGCAGGCTGCCTGGCAGAAGCTGGTATTGGAGTGGCCAAT
GCTCTGTCCCACAAGTACCAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200997 representing BC052008
Red=Cloning site Green=Tags(s)

MVHFTAEEKAAITSIWVKVDLEKVGGETLGRLLIYYPWTRFFDFKGNLSSALAIMGNPRIAHHGKVLV
SLGLGVKNMNDLKETFAHLSLHCDKLVDPENFKLLGNMLVIVLSTHFAKEFTPEVQAAWQKLIVIGVAN
ALSHKYH

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<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:	<u>BC052008</u> , <u>AAH52008</u>
RefSeq Size:	599 bp
RefSeq ORF:	443 bp
Locus ID:	15132
Cytogenetics:	7 54.85 cM
Gene Summary:	This is an embryonic beta-type chain.[UniProtKB/Swiss-Prot Function]