

## Product datasheet for **RN210729**

### Bhmt (NM\_030850) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Bhmt (NM\_030850) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Bhmt  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN210729 representing NM\_030850  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCACCGATTGCCGGCAAGAAGGCCAAGAGGGGAATCTTAGAACGCTTAAATGCTGGCGAAGTCGTGA  
TCGGAGATGGGGATTTGTCTTTGCACCTGGAAAAGAGGGGCTACGTAAGGCTGGACCTGGACCCAGAG  
GGCTGCGGTGGAGCACCCCGAGGCAGTTCGGCAGCTTCATCGGGAGTTCCTCAGAGCTGGATCGAACGTC  
ATGCAGACCTTCACTTTCTATGCAAGTGAGGACAAGCTGGAAAACCGAGGGAACCTACGTGGCAGAGAAGA  
TATCTGGGCAGAAGGTCAATGAAGCTGCTTGTGACATTGCACGGCAAGTTCCTGACGAAGGGGATGCATT  
GGTTGCAGGAGGTGTGAGTCAGACACCTTCTACCTCAGCTGCAAGAGTGAGACGGAAGTAAAAAGATA  
TTTCACCAACAGCTTGAGGTCTTCATGAAGAAGAATGTGGACTTCTCATTGCAGAGTATTTTGAACATG  
TTGAAGAAGCCGTGTGGCAGTCGAGGCCCTAAAAACATCCGGGAAGCCTATAGCGGCTACCATGTGCAT  
CGGACCTGAAGGAGATCTACATGGCGTGTCTCCTGGAGAGTGCCGAGTGCCTTTGGTAAAAGCAGGTGCC  
GCCATTGTGGTGTGAAGTGCACCTTCGACCCAGCACCAGCTTGCAGACAATAAAGCTCATGAAGGAGG  
GTCTGGAAGCAGCTCGGCTGAAGGCTTACTTGATGAGCCACGCCCTGGCCTACCACACCCTGACTGTGG  
CAAACAGGGATTTATTGATCTCCAGAATTCCTTTGGATTGGAACCCAGAGTTGCCACCATGAGGAT  
ATTCAAAAATACGCCAGAGAGGCCCTACAACCTGGGGGTCAGGTACATTGGCGGCTGCTGCCGATTTGAGC  
CCTACCACATCAGGGCCATTGCAGAGGAGCTCGCCCCAGAAAAGGGGATTTTACCACCAGCTTCAGAAAA  
ACATGGCAGCTGGGGAAGTGGTTTGACATGCACACCAAAACCCTGGATCAGGGCAAGGGCCAGGAAAGAA  
TACTGGCAGAATCTTCAATAGCTTCGGGCAGACCGTACAATCCTTCGATGTCCAAGCCGGATGCTTGGG  
GAGTGACGAAAGGGGCAGCAGAGCTGATGCAGCAGAAGGAAGCCACCCTGAGCAGCAGCTGAGAGCGCT  
CTTCGAAAAACAAAAATCAAAATCCGCACAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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ACCN:	NM_030850
Insert Size:	1224 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).
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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<u><a href="#">NM_030850.1</a></u> , <u><a href="#">NP_110477.1</a></u>
RefSeq Size:	1884 bp
RefSeq ORF:	1224 bp
Locus ID:	81508
UniProt ID:	<u><a href="#">O09171</a></u>
Cytogenetics:	2q12
Gene Summary:	displays differential expression in a model of liver cirrhosis [RGD, Feb 2006]