

Product datasheet for **MG224357**

Cbx3 (NM_007624) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cbx3 (NM_007624) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cbx3
Synonyms: HP1g; M32
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG224357 representing NM_007624
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCCAATAAACTACATTGCAAAAAATGGGAAAGAAACAAAATGGAAAGAGTAAAAAGTTGAAG
 AGGCAGAGCCTGAAGAATTTGTGGTAGAAAAAGTACTGGACCGTCGTGTAGTGAATGGGAAGGTGGAGTA
 TTTCTGAAGTGAAGGGGTTACAGATGCTGATAAATACTTGGGAACCAGAAGAAAATTTAGATTGTCCA
 GAATTAATTGAAGCATTCTTAATCTCAAAAAGCTGGTAAAGAAAAGATGGTACAAAAGGAAATCTT
 TATCTGACAGTGAATCTGATGATAGCAAATCGGAGAAGAAGAGAGATGCTGCTGACAAACCAAGGGGCTT
 TGCCAGAGGTCTCGACCTGAACGAATAATCGGCGCCACAGACAGCAGCGGAGAGTTAATGTTTCTCATG
 AAGTGAAGGACTCGGACGAGGCGACTTGGTGTGGCAAAGGAGGCGAACATGAAGTGTCTCAGATTG
 TCATTGCCTTCTACGAGGAGCGGCTGACTTGGCATTCTTGTCTGAAGATGAAGCACAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG224357 representing NM_007624
 Red=Cloning site Green=Tags(s)

MASNKTTLQKMGKKQNGKSKKVEEAPEEFVVEKVLDRRVVNGKVEYFLKWKGFADANTWEPEENLDCP
 ELIEAFLNSQKAGKEKDGTKRKSLSDESDSKSEKKRDAADKPRGFARGLDPERIIGATDSSGELMFLM
 KWKDSDEADLVLAKEANMKCPQIVIAFYEEERL TWHSCPEDEAQ

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>NM_007624.2</u>
RefSeq Size:	1851 bp
RefSeq ORF:	552 bp
Locus ID:	12417
Cytogenetics:	6 24.89 cM