

## Product datasheet for **MG217067**

### Ubap2l (NM\_001165983) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubap2l (NM_001165983) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ubap2l
Synonyms:	3110083O19Rik; 4932431F02Rik; A430103N23Rik; C77168; mKIAA0144; Nice-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG217067 representing NM_001165983 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGACGTCGGTGGGCACTAACCGAGCCCGGGAACTGGGAACAACCTCAAACCAAACCAGACAC  
AGCACAAGCAGCGGCCACAGGCCACTGCAGAGCAAATTCGACTTGACAGATGATTCGGACCATAATGA  
TGCTGACTTTGAGGAGAAGGTGAAACAATTGATTGATATCACAGGCAAAAACCAGGATGAATGTGTGATT  
GCTTTGCATGACTGCAATGGAGATGTCAACAGAGCCATCAATGTTCTCCTGGAAGGAAATCCAGACACGC  
ATTCCTGGGAGATGGTTGGGAAGAAGAAAGGAGTCTCAGGACAAAAGGATGGTGGACAACTGAATCTAA  
TGAAAGAAGGAAAAGAAAATCGAGACCGGGACAGAGACTATAGTCGCGCAGCTGGTGGGCCACCAAGACGG  
GGGAGAGGTGCCAGCCGTGGACGAGAGTTTCGGGGCCAGGAAAATGGATTGGATGGCACCAAGAGTGGAG  
GGCCTTCTGGAAGAGGCACAGACAGAGGCGAAGAGGCCGTGGCCGTGGCAGAGGTAGTTCTGGTAGGCG  
AGGAGGAAGGTTTTCTGCTCAAGGAATGGGAACCTTTAACCCAGCTGATTATGCAGAGCCAGCCAACACT  
GATGATAACTATGGCAATAGCAGTGGCAATACATGGAACAACACTGGCCACTTTGAACCAGATGATGGAA  
CAAGACTTGATTTCAATGGGGTTGAGGGGTCAAATATCCCCGAAAATTTGAGACTGCTCCTGGTATGAT  
ACATCCAGGTGCATGGAGACTGCAACAGAAGAGTGGGAACTGAAGACTGGAATGAAGATCTTTCTGAG  
ACCAAGATCTTTACCGCCTCTAATGTGTCTTCAGTGCCCTGCCTGCGGAGAATGACAATCACTGCTG  
GTCAGAGAATTGACCTTGCTGTTCTGTTGGGAAGACACCATCTTCAATGGAGAATGATTCAATCTAATCT  
GGATCCATCTCAGGCTCCTTCCCTGGCTCAGCCTCTGGTGTGTTAGTAATTCGAAGCAGAATGCCATATCA  
CAGCCTGCTTCAGGGAGTACATTTCTCACCATAGCATGGTGGAGCATGTTGGGAAAGGATTTGGTATG  
TTGGGGAAGCTAAAGGTGGCAGTACAACAGGCTCCCAGTCTTGGAGCAATTCAGACTGCGCAGGCCCT  
TGCTCAACTGGCAGCTCAACATTCTCAATCTGGAAGCACTACCACCTCCTCTGGGATATGGGCTCAACA  
ACACAATCACCATCACTGGTGCAGTATGATCTGAAGAGTGCAAATGATTCACAGTGCACAGTCTTTTA  
CAAAGCGCCAGGCATTACCCCATCTTCAACCATGATGGAGGTATTCCTTCAGGAGAAGCCACCTGCAGT  
GGCTACCTCGACAGCTGCACCACCTCCCCGTCTCTCCTCTGCCAAGCAAATCCACCTCGGCTCCACAG



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ATGTCTCCGGGGTCTTCAGACAACCAGTCTCCAGCCCTCAGCCGGCTCAGCAGAACTGAAACAGCAAA  
 AGAAGAAAACCTCCTTGACGTCTAAGATTCTGCTCTGGCTGTGGAGATGCCTGGCTCAGCAGATATCTC  
 AGGGCTAAATCTACAGTTTGGGGCATTGCAGTTTGGGTGAGAGCTGTCTTTTCTGATTATGAGTCCACC  
 CCCACCAGAGCGCTCCTCAAGCCAGGCTCCTAGTAGCCTGTATACCAGCACGGCCAGTGTCTTCAT  
 CTACAGTTTCTAATCAGAGTCAGGAGTCTGGTTATCAGAGTGGCCGATTAGTGCACAACCTATAC  
 CTCCAAAATAATGCTCAGGGCCCTCTATATGAACAGAGATCCACACAGACGCGGGTATCCCAGCTCC  
 ATCTCTTACACCCAAAAGGACCTGACTCAGGCTAAGAAATGGTTTTAGCTCTGTGAGCCACGCAGT  
 TACAGACCAGCAATCTGTTGAAGGTGCTACAGGCTCTGAGTGAATCTGAATCACCTTCCACTTCTAG  
 TATACCCTCTCTCAATGAAACAGTACCTGCAGTTCCTTACTGACGACAGCCAATCAGCATTTCATCTCC  
 TTAAGTGGCTTGAGCCATACGGAGGAGATTCCAAATACCACCACCACACAACATAGCAGTGCATTATCTA  
 CACAGCAGAATACCCTTTCTTCAACATCTTCTGGGCTACTTCAACATCCACTCTTTTGATACAAG  
 TGTGGAGAGTGGGCAATCTACATTCTCCTCCAGCACCTTCTCTACCACATCCAGCACTGTCTGTGCA  
 CCTCCCCAGTGGTCAGTGTCTCCTCCAGTCTGAATAGTGGCAGTGTCTGGCCTTAGCCTGGGCAGCA  
 ACTCTACTGTACAGCCTCAACTCGAAGCTCAGTTGCTACAACCTCAGGAAAAGCTCTCCCAACCTTCC  
 TCCTGGAGTCCCCTTGTTCCTAATCCATATATTAGGCTCCGGGGTGTACATGCCTATCCGCCA  
 CAAGTATATGGTTATGATGATTTACAGATGCTCCAGACAAGATTTCCATTGGATTACTACAGTATCCCGT  
 TTCCACACCCCACTCCACTTACTGGGAGGGATGGTAGCCTGGCCAGCAACCTTACTCTGGCGACCT  
 CACCAATTCGGCCGCGGGGATGCCTCCTCCCCAGCCCCAGCCACAACCTTGGCCCAACCCCAACAGAAC  
 CAGACGCAGACTCACCACACCACGCAGCAGACATTCCTGAACCCGGCGCTGCCTCCTGGCTATAGTTACA  
 CCAGCCTGCCATACTACACAGGGTCCCAGGCTCCCCAGCACCTTCCAGTATGGGCTGTGTGTTCCC  
 TGTGGCTCCTACCTTCCAAGCAGCATGGTGTGAATGTCAGTGTGAATGCCTCGGCTACCCCTTCCAA  
 CAGCCAAGTGGATATGGGTCTCATGGATAACAACACTGGTGTGTCAGTACCTCCAGTAAACCGGCGTGC  
 CAGATATCCGTTCTGTGACTCCAAAACCCAGCAGTCTTTGAGAAAAGGGTTTCATTCCGGTAC  
 TCCTGCTGCCTCCTTCAACTGCCTTACGCCCTAGGAAGTGGAGGGCCATCAATCCAGCCACAGCTGCT  
 GCCTACCCACCTGCCCTTTATGCATATTCTGACCCACATCAGCAGCCCACTCTCAGATCCTTACC  
 ATCACCTGCAGCAGGATGGCCAGACGGGCAACGTAGCCAGACCAGCTCCATCCCGCAGAAGCC  
 CCAGACCAACAAGTCTGCCTACAACAGTACAGCTGGGGGCCAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG217067 representing NM\_001165983  
 Red=Cloning site Green=Tags(s)

MMTSVGTNRARGNWEQPQNQNTQHKQRPQATAEQIRLAQMSIDHNDADFEKVKQLIDITGKNQDECVI  
 ALHDCNGDVNRAINVLLLEGNPDTHSWEMVGKKGVSGQKDGQTESNEEGKENRDRDRDYRRRGPPRR  
 GRGASRGREFRQENLDGKSGGPPSGRGTDRGRRGRGRGRGSSGRRGGRFSAQMGTFNPADYAEPAANT  
 DDNYGNSGNTWNNTGHFEPDDGTRLDFIGVEGSNYPRKFETAPGMIHPGAWRTATEEWGTEWNEDLSE  
 TKIFTASNVSSVPLPAENVITITAGQRIDLAVLLGKTPSSMENDSSNLDPSQAPSLAQPLVFSNSKQNAIS  
 QPASGSTFSSHSMVSMGLKGFVDVGEAKGGSTTGSQFLEQFKTAQALAAQHSQSGSTTSSWDMGST  
 TQSPSLVQYDLKSANDSTVHSPFTRQAFTPSSTMMEVFLQEKPPAVATSTAAPPPSSPLPSKSTSAPQ  
 MSPGSSDNQSSSPQAQQKQKQKKTSLTSKIPALAVEMPGSADISGLNLQFGALQFGSEPVLSDYEST  
 PTTASASSQAPSSLYTSTASESSSTVSSNQSQESGYQSGPIQSTTYTSQNNAQGPLYEQRSTQTRRYPS  
 ISSSPQKDLTQAKNGFSSVQATQLQTTQSVGATGSAVKSESPSTSSIPSLNETVPAASLLTTANQHSS  
 LSLSHTEEIPNTTTTQHSSALSTQNTLSSSTSSGRTSTSTLLHTSVESEANLHSSSTFSTTSSVSA  
 PPPVSVSSSLNSGSSLGLSLGNSSTVTASTRSSVATTSGKAPPNLPVGPVPLLPNPYIMAPGLLHAYPP  
 QVYGYDDLQMLQTRFPLDYYSIPFPTPTTPLTGRDGLASNPYSGDLTKFGRGDASSPAPATTLAQPQN  
 QTQTHHTTQQTFLNLPALPPGYSYSLPYTYGVPGLPSTFYQGPVFPVAPTSSKQHGVNVSVNASATPFQ  
 QPSGYGSHGYNTGVSVTSSNTGVPDISGSVYSKQQSFEKQGFHSGTPAASFNLPSALGSGGPINPATAA  
 AYPPAPFMHILTPHQPHSQILHHHLQQDGQTGSGQRSQTSSIPQKQTNKSAYNSYSWGAN

TRTRPLE - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<u>NM_001165983.2</u>
<b>RefSeq Size:</b>	4073 bp
<b>RefSeq ORF:</b>	3339 bp
<b>Locus ID:</b>	74383
<b>UniProt ID:</b>	<u>Q80X50</u>
<b>Cytogenetics:</b>	3
<b>Gene Summary:</b>	Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT-HSCs) (PubMed:25185265).[UniProtKB/Swiss-Prot Function]