

## Product datasheet for **MG211574**

### Ubap2l (NM\_153489) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubap2l (NM_153489) 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:	>MG211574 representing NM_153489 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGACGTCGGTGGGCACTAACCGAGCCCGGGAACTGGGAACAACCTCAAACCAAACCAGACAC  
AGCACAAGCAGCGGCCACAGGCCACTGCAGAGCAAATTCGACTTGACAGATGATTTGGACCATAATGA  
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GCTTTGCATGACTGCAATGGAGATGTCAACAGAGCCATCAATGTTCTCCTGGAAGGAAATCCAGACACGC  
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TGCTTCAGGGAGTACATTTCTCACCATAGCATGGTGAGCATGTTGGGAAAGGATTTGGTGATGTTGGG  
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AAAACCTCCTTGACGTCTAAGATTCTGCTCTGGCTGTGGAGATGCCTGGCTCAGCAGATATCTCAGGGC  
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CCTCCTTCAACTTGCCTCAGCCCTAGGAAGTGGAGGGCCATCAATCCAGCCACAGCTGCTGCCTACCC  
ACCTGCCCCCTTTATGCATATTCTGACCCACATCAGCAGCCACACTCTCAGATCCTTACCATCACCTG  
CAGCAGGATGGCCAGGATATCCTCACTCTCGTCGATGACCAGCTTGGTGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG211574 representing NM\_153489  
Red=Cloning site Green=Tags(s)

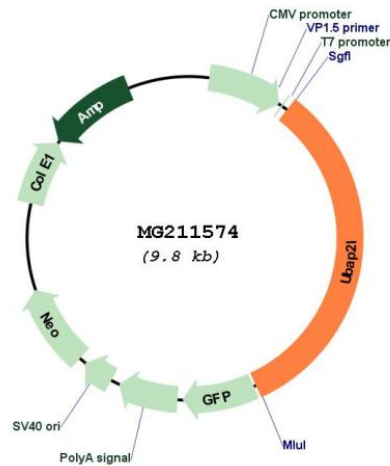
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GRGASRGREFRQENGLDGTKSGGPSGRGTDGRRRGRGRGRGSSGRRGGRFSAQGMGT FNPADYAE PANT  
DDNYGNSSGNTWNNTGHFEPDDGTSAWRTATEEWGTEDWNEDLSETKIFTASNVS VPLPAENVITAGQ  
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LPYYTGVPGLPSTFQYGPVFPVAPTSSKQHGVNVS VNASATPFQPPSGYSGHYNTGVS VTSNTGVPD  
ISGSVYSKTQSFQKGFHSGTPAASFNLPSALGSGGPINPATAAAYPPAPFMHILTPHQPHSQILHHHL  
QQDGQDILTLVDDQLGE

TRTRPLE - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_153489

**ORF Size:** 3201 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<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><a href="#">NM_153489.1</a></u> , <u><a href="#">NP_705693.1</a></u>
<b>RefSeq Size:</b>	3420 bp
<b>RefSeq ORF:</b>	3204 bp
<b>Locus ID:</b>	74383
<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]