

Product datasheet for **MG217105**

Ubap2l (NM_001165987) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Ubap2l (NM_001165987) 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) |



[View online »](#)

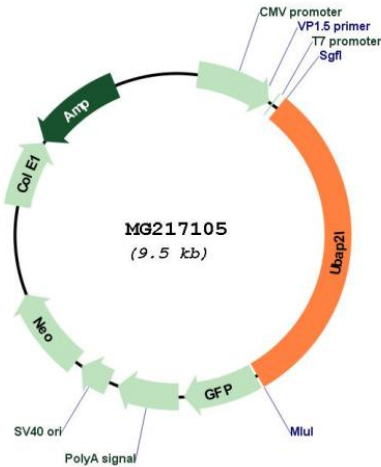
ORF Nucleotide Sequence:

>MG217105 representing NM_001165987
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGACGTCGGTGGGACTAACCAGCCCGGGAACTGGGAACAACCTCAAACCAAACCAGACAC
 AGCACAAGCAGCGGCCACAGGCCACTGCAGAGCAAATTCGACTTGACAGATGATTTTCGGACCATAATGA
 TGCTGACTTTGAGGAGAAGGTGAAACAATTGATTGATATCACAGGCAAAAACCAGGATGAATGTGTGATT
 GCTTTGCATGACTGCAATGGAGATGTCAACAGAGCCATCAATGTTCTCCTGGAAGGAAATCCAGACACGC
 ATTCCTGGGAGATGGTTGGGAAGAAGAAAGGAGTCTCAGGACAAAAGGATGGTGGACAACTGAATCTAA
 TGAAGAAGGAAAAGAAAATCGAGACCGGGACAGAGACTATAGTCGGCGACGTGGTGGCCACCAAGACGG
 GGGAGAGGTGCCAGCCGTGGACGAGAGTTTCGGGGCCAGGAAAATGGATTGGATGCCACCAAGAGTGGAG
 GGCCTTCTGGAAGAGGCACAGACAGAGGCAGAAGAGGCCGTGGCCGTGGCAGAGGTAGTTCTGGTAGGCC
 AGGAGGAAGGTTTTCTGCTCAAGGAATGGGAACCTTTAACCCAGCTGATTATGCAGAGCCAGCCAACACT
 GATGATAACTATGGCAATAGCAGTGGCAATACATGGAACAACACTGGCCACTTTGAACCAGATGATGGAA
 CAAGTGCATGGAGGACTGCAACAGAAGAGTGGGAACTGAAGACTGGAATGAAGATCTTTCTGAGACCAA
 GATCTTTACCGCCTCTAATGTGTCTTCACTGCCTCTGCCTGCGGAGAATGTGACAATCACTGCTGGTCAG
 AGAATTGACCTTGCTGTTCTGTTGGGAAGACACCATCTTCAATGGAGAATGATTCATCTAATCTGGATC
 CATCTCAGGCTCCTTCCCTGGCTCAGCCTCTGGTGTAGTAATTCGAAGCAGAATGCCATATCACAGCC
 TGCTTCAGGGAGTACATTTCTCACCATAGCATGGTGAGCATGTTGGGAAAGGATTTGGTGATGTTGGG
 GAAGCTAAAGGTGGCAGTACAACAGGCTCCAGTCTTGGAGCAATCAAGACTGCGCAGGCCCTTGCTC
 AACTGGCAGCTCAACATCTCAATCTGGAAGCACTACCACCTCCTTGGGATATGGGCTCAACAACACA
 ATCACCATCACTGGTGCAGTATGATCTGAAGAGTGCAAAATGATTCAACAGTGCACAGTCTTTTACAAAG
 CGCCAGGCATTACCCCATCTTCAACCATGATGGAGGATTCTTTCAGGAGAAGCCACCTGCAGTGGCTA
 CCTCGACAGCTGCACCACCTCCCCGTCTTCTCCTCTGCCAAGCAAATCCACCTCGGCTCCACAGATGTC
 TCCGGGGTCTTCAGACAACCAGTCTCCAGCCCTCAGCCGGCTCAGCAGAAAAGTAAACAGCAAAAGAA
 AAAACCTCCTTGACGTCTAAGATTCCTGCTCTGGCTGTGGAGATGCCTGGCTCAGCAGATATCTCAGGGC
 TAAATCTACAGTTTGGGGCATTGCAGTTTGGGTGAGAGCCTGTCTTTCTGATTATGAGTCCACCCCCAC
 CACGAGCGCCTCCTCAAGCCAGGCTCCTAGTAGCCTGTATACCAGCACGGCCAGTGAATCTCATCTACA
 GTTTCATCTAATCAGAGTCAAGAGTCTGGTTATCAGAGTGGCCGATTCACTCGACAACCTTATACCTCCC
 AAAATAATGCTCAGGGCCCTCTATATGAACAGAGATCCACACAGACGCGCGGTATCCCAGCTCCATCTC
 TTCATCACCCCAAAGGACCTGACTCAGGCTAAGAATGGTTTTAGCTCTGTGCAGGCCACGAGTTACAG
 ACCACGCAATCTGTTGAAGGTGCTACAGGCTCTGCAGTGAATCTGAATCACCTTCCACTTCTAGTATAC
 CCTCTCTCAATGAAACAGTACCTGCAGTCTCTTACTGACGACAGCCAATCAGCATTATCCTCCTTAAG
 TGGCTTGAGCCATACGGAGGAGATTCCAATACCACCACACACAACATAGCAGTGCATTATCTACACAG
 CAGAATACCCTTCTTCAACATCTTCTGGGCGTACTTCAACATCCACTCTTTTGATACAAGTGTGG
 AGAGTGAGGCAAATCTACATTCTCCTCCAGCACCTTCTTACCACATCCAGCACTGTCTCTGCACCTCC
 CCCAGTGGTCAGTGTCTCCTCCAGTCTGAATAGTGGCAGTGTCTGGCCTTAGCCTGGGCAGCAACTCT
 ACTGTACAGCCTCAACTCGAAGCTCAGTTGCTACAACCTCAGGAAAAGCTCCTCCAACCTTCTCCTG
 GAGTCCC GCCATTGTTGCCTAATCCATATATTATGGCTCCGGGGCTGTTACATGCCTATCCGCCACAAGT
 ATATGGTTATGATGATTTACAGATGCTCCAGACAAGATTTCCATTGGATTACTACAGTATCCCGTTTCCC
 ACACCCACCACTCCACTTACTGGGAGGGATGGTAGCCTGGCCAGCAACCTTACTCTGGCAGCTCACCA
 AATTGGCCGCGGGGATGCCTCCTCCCCAGCCCCAGCCACAACCTTGGCCCAACCCCAACAGAACAGAC
 GCAGACTACCACACCACGAGCAGACATTCTGAACCCGGCGCTGCCTCCTGGCTATAGTTACACCAGC
 CTGCCATACTACAGGGGTCCCGGGCTCCCCAGCACCTTCCAGTATGGGCCTGCTGTGTTCCCTGTGG
 CTCTACCTCTTCAAGCAGCATGGTGTGAATGTCAGTGTGAATGCCTCGGCTACCCCTTCCAACAGCC
 AAGTGGATATGGGTCTCATGGATACAACACTGGAAGAAAATATCCACCCCTTACAAGCATTCTGGAGC
 GCTGAGAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Plasmid Map:


ACCN: NM_001165987

ORF Size: 2949 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.

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:

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: [NM_001165987.2](#)

RefSeq Size: 3652 bp

RefSeq ORF: 2952 bp

Locus ID: 74383

Cytogenetics: 3

Gene Summary:

Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT-HSCs) (PubMed:25185265).[UniProtKB/Swiss-Prot Function]