

## Product datasheet for MR219145

### Ubap2l (NM\_001165986) Mouse Tagged ORF Clone

#### Product data:

|                          |  |
|--------------------------|--|
| Product Type:            | Expression Plasmids  |
| Product Name:            | Ubap2l (NM_001165986) Mouse Tagged ORF Clone                                   |
| Tag:                     | Myc-DDK  |
| Symbol:                  | Ubap2l   |
| Synonyms:                | 3110083O19Rik; 4932431F02Rik; A430103N23Rik; C77168; mKIAA0144; Nice-4         |
| Vector:                  | pCMV6-Entry (PS100001)   |
| E. coli Selection:       | Kanamycin (25 ug/mL)   |
| Cell Selection:          | Neomycin   |
| ORF Nucleotide Sequence: | >MR219145 representing NM_001165986<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATGACGTCGGTGGGCACTAACCGAGCCCGGGAACTGGGAACAACCTCAAACCAAACCAGACAC  
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GAATGATTCATCTAATCTGGATCCATCTCAGGCTCCTTCCTGGCTCAGCCTCTGGTGTGTTAGTAATTCG  
AAGCAGAATGCCATATCACAGCCTGCTTACGGGAGTACATTTCTCACCATAGCATGGTGAAGCATGTTGG  
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TCCACCTCGGCTCCACAGATGTCTCCGGGTCTTCAGACAACAGTCTCCAGCCCTCAGCCGGCTCAGC



AGAAACTGAAACAGCAAAAAGAAGAAAACCTCCTTGACGTCTAAGATTCTGCTCTGGCTGTGGAGATGCC  
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 GCCCAACCCCAACAGAACCAGACGAGACTCACACACCACGCAGCAGACATTCTGAACCCGGCGCTGC  
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 CCCCTTACAAGCATTCTGGACGGCTGAGAGC

ACGCGTACGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR219145 representing NM\_001165986  
 Red=Cloning site Green=Tags(s)

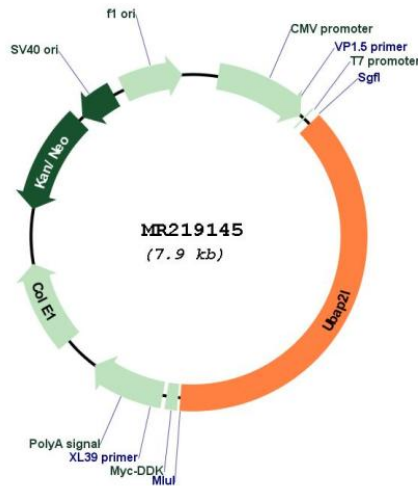
MMTSVGTNRARGNWEQPQNQNQTQHKQRPQATAEQIRLAQMI SDHNDADFEKVKQLIDITGKNQDECVI  
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 GRGASRGRECMHGALSKPAVVRQENGLDGTKSGPSGRGTDGRRRRGRGRGSSGRRGRFSAQMGTF  
 NPADYAEPAANTDDNYGNSSGNTWNNTGHFEPDDGTRLDFIGVEGSNYPRKFETAPGAWRTATEEWGTEDW  
 NEDLSETKIFTASNVSPLPAENVITAGQRIDLAVLLGKTPSSMENDSSNLDPSQAPSLAQPLVFSNS  
 KQNAISQPASGSTFSHSMVSMGKGFVDVGEAKGGSTTGSQFLEQFKTAQALAAQHSQSGSTTTSS  
 WDMGTTQSPSLVQYDLKSANDSTVHSPFTKRQAFTPSSTMMEVFLQEKPPAVATSTAAPPPSSPLPSK  
 STSAPQMSPGSSDNQSSSPQAQKQKQKKTSLTSKIPALAVEMPGSADISGLNLQFGALQFGSEPV  
 SDYESTPTTSASSSQAPSSLYTSTASESSTVSSNQSQESGYQSGPIQSTTYTSQNNAQGPLYEQRSTQT  
 RRYPSSISSSPQKDLTQAKNGFSSVQATQLQTTQSVEGATGSAVKSESPSTSSIPSLNETVPAASLLTTA  
 NQHSSSLSGLSHTEEIPNTTTTQHSSALSTQNTLSSSTSSGRTSTSTLLHTSVSEANLHSSSSTFSTT  
 SSTVSAPPVVSVSSSLNSGSSLGLSLGSNSTVASTRSSVATTSKAPPNLPVPPVPLLPNYIMAPGL  
 LHAYPPQVYGYDDLQMLQTRFPLDYYSIPFPTPTPLTGRDGLASNPYSGDLTKFGRGDASSPAPATTL  
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 SATPFQPPSGYSGHYNTGRKYPPPYKHFWTAE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001165986

**ORF Size:** 3042 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](#)

|                               |   |
|-------------------------------|---|
| <b>OTI Annotation:</b>        | 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_001165986.1</a></u> , <u><a href="#">NP_001159458.1</a></u>   |
| <b>RefSeq Size:</b>           | 3720 bp   |
| <b>RefSeq ORF:</b>            | 3045 bp   |
| <b>Locus ID:</b>              | 74383   |
| <b>UniProt ID:</b>            | <u><a href="#">Q80X50</a></u>   |
| <b>Cytogenetics:</b>          | 3   |
| <b>MW:</b>                    | 107.7 kDa   |
| <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]  |