

Product datasheet for MR218539

Ubap2l (NM_001165988) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Ubap2l (NM_001165988) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Ubap2l |
| Synonyms: | 3110083O19Rik; 4932431F02Rik; A430103N23Rik; C77168; mKIAA0144; Nice-4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >MR218539 representing NM_001165988 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGATGACGTCGGTGGGCACTAACCGAGCCCGGGAACTGGGAACAACCTCAAACCAAAACCAGACAC
AGCACAAGCAGCGGCCACAGGCCACTGCAGAGCAAATTCGACTTGACAGATGATTTGGACCATAATGA
TGCTGACTTTGAGGAGAAGGTGAAACAATTGATTGATATCACAGGCAAAAACCAGGATGAATGTGTGATT
GCTTTGCATGACTGCAATGGAGATGTCAACAGAGCCATCAATGTTCTCCTGGAAGGAAATCCAGACACGC
ATTCCTGGGAGATGGTTGGGAAGAAGAAAGGAGTCTCAGGACAAAAGGATGGTGGACAACTGAATCTAA
TGAAGAAGGAAAAGAAAATCGAGACCGGGACAGAGACTATAGTCGGCGACGTGGTGGGCCACCAAGACGG
GGGAGAGGTGCCAGCCGTGGACGAGAGTTTCGGGGCCAGGAAAATGGATTGGATGGCACCAAGAGTGGAG
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CAAGTGCATGGAGGACTGCAACAGAAGAGTGGGAACTGAAGACTGGAATGAAGATCTTTCTGAGACCA
GATCTTTACCGCCTCTAATGTGTCTTCAGTGCCTCTGCCTGCGGAGAATGTGACAATCACTGCTGGTCAG
AGAATTGACCTTGCTGTTCTGTTGGGAAGACACCATCTTCAATGGAGAATGATTCACTAATCTGGATC
CATCTCAGGCTCCTTCCCTGGCTCAGCCTCTGGTGTTTGTAAATTCGAAGCAGAATGCCATATCACAGCC
TGCTTCAGGGAGTACATTTCTACCATAGCATGGTGAGCATGTTGGGAAAGGATTTGGTGATGTTGGG
GAAGCTAAAGGTGGCAGTACAACAGGCTCCCAGTCTTGGAGCAATTAAGACTGCGCAGGCCCTTGCTC
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CCTCGACAGCTGCACCACCTCCCCGTCTTCTCCTCTGCCAAGCAAATCCACCTCGGCTCCACAGATGTC
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AAAACCTCCTTGACGTCTAAGATTCTGCTCTGGCTGTGGAGATGCCTGGCTCAGCAGATATCTCAGGGC
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 CACGAGCGCTCCTCAAGCCAGGCTCCTAGTAGCCTGTATACCAGCAGCGCCAGTGTCTTTCATCTACA
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 ACTGTCACAGCCTCAACTCGAAGCTCAGTTGCTACAACCTCAGGAAAAGCTCCTCCCAACCTTCTCCTG
 GAGTCCCCTTGTGGCTAATCCATATATTATGGCTCCGGGGCTGTTACATGCCTATCCGCCACAAGT
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 ACACCCACCACTCCACTTACTGGGAGGGATGGTAGCCTGGCCAGCAACCTTACTCTGGCGACCTACCA
 AATTTCGGCCGCGGGGATGCCTCCTCCCCAGCCCCAGCCACAACCTTGGCCCAACCCCAACAGAACCAGAC
 GCAGACTACACACCACGCAGCAGACATTCTGAACCCGGCGCTGCCTCCTGGCTATAGTTACACCAGC
 CTGCCATACTACACAGGGTCCCAGGCTCCCCAGCACCTTCCAGTATGGGCCTGCTGTGTTCCCTGTGG
 CTCCTACCTCTTCAAGCAGCATGGTGTGAATGTCAGTGTGAATGCCTCGGCTACCCCTTCCAACAGCC
 AAGTGGATAGGGTCTCATGGATACAACACTGGAAGAAAATATCCACCCCTTACAAGCATTCTGGACG
 GCTGAGAGC

ACGCGTACGCGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218539 representing NM_001165988
Red=Cloning site Green=Tags(s)

MMTSVGTNRARGNWEQPQNQNQTQHKQRPQATAEQIRLAQMI SDHNDADFEEKVKQLIDITGKNQDECVI
 ALHDCNGDYNRAINVLLLEGNDPETHSWEMVGGKKGVSQKDGQTESNEEGKENRDRDRDYSRRRGPPRR
 GRGASRGREFRGQENGLDGTKSGGPSGRGTDGRRRGRGRGRGSSGRRGGRFSAQMGTFNPDYAEPAANT
 DDNYGSSNGTWNNTGHFEPDDGTSAWRATEEWGTEDWNEDLSETKIFTASNVSVPPLAENVITAGQ
 RIDLAVLLGKTPSSMENDSSNLDPQAPSLAQPLVFSNSKQNAISQPASGSTFSHHSMVSMGLKGFQDVG
 EAKGGSTTGSQFLEQFKTAQALAAQHSQSGSTTTSSWDMGSTTQSPSLVQYDLKSANDSTVHSPFTK
 RQAFTPSSMMEVFLQEKPPAVATSTAAPPPSSPLPSKSTSAPQMPGSSDNQSSPQPAQKQKQKK
 KTSLSKIPALAVEMPGSADISGLNLQFGALQFGSEPVLSDYESTPTTSASSSQAPSSLYTSTASESSST
 VSSNQSQESGYQSGPIQSTTYTSQNNAAQGLYEQRSTQTRRYPSSISSSPQKDLTQAKNGFSSVQATQLQ
 TTQSVEGATGSAVKSESPSTSSIPSLNETVPAASLLTTANQHSSLSGLSHTEEIPNTTTTQHSSALSTQ
 QNTLSSSTSSGRTSTSTLLHTSVESEANLHSSSSTFSTTSSTVSAAPPVVSVSSLSNSGSSLGLSLGNS
 TVTASTRSSVATTSGKAPPNLPVPPVPLPNPYIMAPGLLHAYPPQVYGYDDLQMLQTRFPLDYYSIPFP
 TPTTPLTGRDGLASNPYSGDLTKFGRGDASSPAPATTLAQPPQNQTQTHHTTQQTFLNPALPPGYSYTS
 LPYYTGVPGLPSTFYGPVAVFPVAPTSSKQHGNNVSVNASATPFQPSGYGSHGYNTGRKYPPPYKHFWT
 AES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9047_d08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001165988

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.

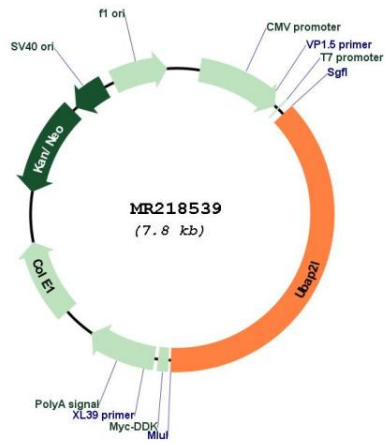
RefSeq: [NM_001165988.1](#), [NP_001159460.1](#)

RefSeq Size: 3627 bp

RefSeq ORF: 2952 bp

Locus ID: 74383
Cytogenetics: 3
MW: 104.4 kDa
Gene Summary: Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT-HSCs) (PubMed:25185265).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR218539