

Product datasheet for MR211574

Ubap2l (NM_153489) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubap2l (NM_153489) 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:	>MR211574 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGACGTCGGTGGGCACTAACCGAGCCCGGGAACTGGGAACAACCTCAAACCAAACCAGACAC
AGCACAAGCAGCGCCACAGGCCACTGCAGAGCAAATTCGACTTGACAGATGATTCGGACCATAATGA
TGCTGACTTTGAGGAGAAGGTGAAACAATTGATTGATATCACAGGCAAAAACCAGGATGAATGTGTGATT
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ATTCCTGGGAGATGGTTGGGAAGAAGAAAGGAGTCTCAGGACAAAAGGATGGTGGACAACTGAATCTAA
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AGGAGGAAGGTTTTCTGCTCAAGGAATGGGAACCTTTAACCCAGCTGATTATGCAGAGCCAGCCAACACT
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Protein Sequence:

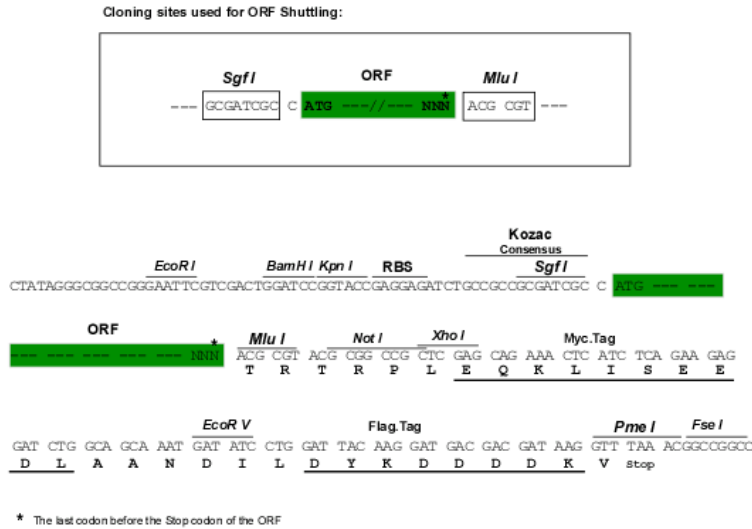
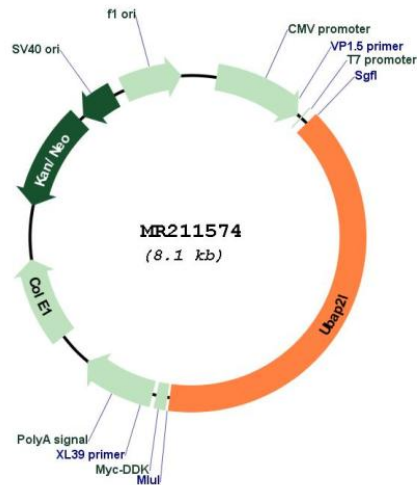
>MR211574 protein sequence
Red=Cloning site Green=Tags(s)

MMTSVGTNRARGNWEQPQNQNTQHKQRPQATAEQIRLAQMSIDHNDADFEEKVKQLIDITGKNQDECVI
ALHDCNGVDNRAINVLLLEGNDPETHSWEMVGGKKGVSQKDGQTESNEEGKENRDRDRDYSRRRGPPRR
GRGASRGREFRQENGLDGTKSGGPSGRGTDRGRRGRGRGRGSSGRRGGRFSAQGMGTFFNPADYAEPA
DDNYGNSNGNTWNNTGHFEPDDGTSAWRTATEEWGTEDWNEDLSETKIFTASNVSSVPLPAENVITAGQ
RIDLAVLLGKTPSSMENDSSNLDPQAPSLAQPLVFSNSKQNAISQPASGTFSHHSMVMSLKGKFGDVG
EAKSGSTTGSQFLEQFKTAQALAAQHSQSGSTTTSSWDMGSTTQSPSLVQYDLKSANDSTVHSPFTK
RQAFTPSSMMEVFLQEKPPAVATSTAAPPPSSPLPSKSTSAPQMSPGSSDNQSSPQPAQQKQKQK
KTSLSKIPALAVEMPGSADISGLNLQFGALQFGSEPVLSDYESTPTTSASSSQAPSSLYTSTASESSST
VSSNQSQESGYQSGPIQSTTYTSQNNAQPLYEQRSTQTRRYPSSISSPQKDLTQAKNGFSSVQATQLQ
TTQSVVEGATGSAYKSESPSTSSIPSLNETVPAASLLTTANQHSSSLSGLSHTEEIPNTTTQHSSALSTQ
QNTLSSSTSSGRTSTSTLLHTSVESEANLHSSSTFTSTTSVSAAPPVVSVSSLSNGSSLGLSLGNS
TVTASTRSSVATTSKAPPNLPVGPVPLLPNPYIMAPGLLHAYPPQVYGYDDLQMLQTRFPLDYYSIPFP
TPTTPLTGRDGLASNPYSGDLTKFGRGDASSPAPATTLAQPPQNTQTHHTTQTFLNALPPGYSYTS
LPYYTGVPGLPSTFYGPVAVFPVAPTSSKQHGNNVSVNASATPFQPPSGYSGHYNTGVSVTSSNTGVPD
ISGSVYSKTQSFQKQGFHSGTPAASFNLPSALGSGGPINPATAAAYPPAPFMHILTPHQPHSQILHHHL
QQDGQDILTLVDDQLGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_153489

ORF Size: 3204 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:	<ol style="list-style-type: none">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:	<u>NM_153489.1</u> , <u>NP_705693.1</u>
RefSeq Size:	3956 bp
RefSeq ORF:	3204 bp
Locus ID:	74383
Cytogenetics:	3
MW:	112.5 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]