

## Product datasheet for **SC323244**

### UBAP2L (NM\_001127320) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UBAP2L (NM_001127320) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBAP2L
Synonyms:	NICE-4; NICE4
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001127320, the custom clone sequence may differ by one or more nucleotides

```
ATGATGACATCGGTGGGCACTAACCGAGCCCGGGAAACTGGAACAACCTCAAAACCAA  
AACCAGACACAGCACAAGCAGCGCCACAGGCCACTGCAGAACAATTAGACTTGACAG  
ATGATTTTCGGACCATAATGATGCTGACTTTGAGGAGAAGGTGAAACAATTGATTGATATT  
ACAGGCAAGAACCAGGATGAATGTGTGATTGCTTTGCATGACTGCAATGGAGATGTCAAC  
AGAGCTATCAATGTTCTTCTGGAAGGAAACCCAGACACGCATTCTGGGAGATGGTCGGG  
AAGAAGAAGGGAGTCTCAGGCCAGAAGGATGGTGGCCAGACGGAATCCAATGAGGAAGGC  
AAAGAAAATCGAGACCGGACAGAGACTATAGTCGGCGACGTGGTGGCCACCAAGACGG  
GGGAGAGGTGCCAGCCGTGGACGAGAGTTTCGAGGTGAGGAAAATGGATTGGATGGCACC  
AAGAGTGGAGGGCCTTCTGGAAGAGGAACAGAAAGAGGCAGAAGGGGCCGTGGCCGAGGC  
AGAGGTGGCTCTGGTAGGCGAGGAGGAAGGTTTTCTGCTCAAGGAATGGGAACCTTTAAC  
CCAGCTGATTATGCAGAGCCAGCCAATACTGATGATAACTATGGCAATAGCAGCGGCAAT  
ACGTGGAACAACACTGGCCACTTTGAACCAGATGATGGGACGAGTGCATGGAGGACTGCA  
ACAGAGGAGTGGGGGACTGAAGATTGGAATGAAGATCTTCTGAGACCAAGATCTTCACT  
GCCTCTAATGTGTCTTCAGTGCCTCTGCCTGCGGAGAATGTGACAATCACTGCTGGTCAG  
AGAATTGACCTTGCTGTTCTGCTGGGGAAGACACCATCTACAATGGAGAATGATTCATCT  
AATCTGGATCCGTCTCAGGCTCCTTCTCTGGCCAGCCTCTGGTGTTCAGTAATTCGAAG  
CAGACTGCCATATCACAGCCTGCTTCAGGGAACACATTTTCTCATCACAGTATGGTGAGC  
ATGTTAGGGAAGGATTTGGTGTGTCGGTGAAGCTAAAGGCGGCAGTACTACAGGCTCC  
CAGTTCTTGAGCAATTCAGACTGCCAAGCCCTGGCTCAGTTGGCAGCTCAGCATTCT  
CAGTCTGGAAGCACCACCACCTCCTCTTGGGACATGGGCTCGACGACACAATCCCCATCA  
CTGGTGCAGTATGATTTGAAGAACCAAGTGATTCAGCAGTGCACAGCCCTTTACAAG  
CGCCAGGCTTTTACCCCATCTTCAACCATGATGGAGGTGTTCTTCAGGAGAAGTCACT  
GCAGTGGCTACCTCCACAGCTGCACCTCCACCTCCGTCTTCTCCTCTGCCAAGCAATCC  
ACATCGGCTCCACAGATGTCGCCTGGATCTTCAGACAACCAAGTCTCTAGCCCTCAGCCG  
GCTCAGCAGAACTGAAACAGCAGAAGAAAAAGCCTCCTTGACTTCTAAGATTCCTGCT  
CTGGCTGTGGAGATGCCTGGCTCAGCAGATATCTCAGGGCTAAACCTGCAGTTTGGGGCA  
TTGCAAGTTGGGTGAGAGCCTGTCTTTCTGATTATGAGTCCACCCCCACCACGAGCGCC  
TCTTCAAGCCAGGCTCCAAGTAGCCTGTATACCAGCACGGCCAGTGAATCATCTCTACA  
ATTTCACTAACCAGAGTCAGGAGTCTGGTTATCAGAGCGGCCAATTCACTGACAAACC
```



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TATACCTCCAAAATAATGCTCAGGGCCCTCTTTATGAACAGAGATCCACACAGACTCGG  
 CCGTACCCAGCTCCATCTTTCATCACCCAAAAGGACCTGACTCAGGCAAAGAATGGC  
 TTCAGTTCTGTGCAGGCCACGCAGTTACAGACCACACAATCTGTTGAAGGTGCTACAGGC  
 TCTGCAGTGAAATCTGATTCACCTTCCACTTCTAGCATCCCCCTCTCAATGAAACGGTA  
 TCTGCAGTTCCTTACTGACGACAACCAATCAGCATTATCCTCCTTGGGTGGCTTGAGC  
 CACAGTGAGGAGATTCCAATACTACCACCACACAACACAGCAGCAGTTATCTACGCAG  
 CAGAATACCCTTTCATCATCAACATCTTCTGGGGCAGCTTCGACATCCACTCTTTTGCAC  
 ACAAGTGTGGAGAGTGAGGCGAATCTCCATTCTCCTCCAGCACTTTTTCCACCACATCC  
 AGCACAGTCTCTGCACCTCCCCAGTGGTCAGTGTCTCCTCCAGTCTCAATAGTGGCAGT  
 AGCCTGGGCCTCAGCCTAGGCAGCAACTCCACTGTACAGCCTCGACTCGAAGCTCAGTT  
 GCTACGACTTCAGGAAAAGCTCCTCCAACTCCCTCCTGGGGTCCCGCCGTTGTTGCC  
 AATCCGTATATTATGGCTCCAGGGCTGTTACATGCCTACCCGCCACAAGTATATGGTTAT  
 GATGACTTGCAGATGCTTACAGACAAGATTTCCATTGGATTACTACAGCATCCATTTCCC  
 ACACCCACTACTCCGCTGACTGGGAGGGATGGTAGCCTGGCCAGCAACCCTTATTCTGGT  
 GACCTCACAAAGTTCGGCCGTGGGGATGCCTCCTCCCCAGCCCCGCCACAACCTTGCC  
 CAACCCCAACAGAACAGACGCAGACTACCATACCACGCAGCAGACATTCTGAACCCG  
 GCGCTGCCTCCTGGCTACAGTTACACCAGCCTGCCATACTATACAGGGTCCCGGGCCTC  
 CCCAGCACCTTCCAGTATGGCCTGCTGTGTTCCCTGTGGCTCCTACCTTCCAAGCAG  
 CATGGTGTGAATGTCAGTGTGAATGCATCGGCCACCCCTTTCCAACAGCCGAGTGGATAT  
 GGGTCTCATGGATACAACACTGGAAGAAAATATCCACCCCTTACAAGCATTTCTGGACG  
 GCTGAGAGC

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_001127320

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:**

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001127320.1](#), [NP\\_001120792.1](#)
**RefSeq Size:**

3410 bp

**RefSeq ORF:**

2952 bp

**Locus ID:**

9898

**UniProt ID:** [Q14157](#)

**Cytogenetics:** 1q21.3

**Protein Families:** Druggable Genome

**Gene Summary:** Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT-HSCs).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) differs in the UTRs and 3' coding sequence compared to variant 1. The resulting isoform (b) has a shorter and distinct C-terminus compared to isoform a.