

Product datasheet for **SC337839**

UBAP2L (NM_001287816) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBAP2L (NM_001287816) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBAP2L
Synonyms:	NICE-4; NICE4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001287816, the custom clone sequence may differ by one or more nucleotides

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ATGATGACATCGGTGGGCACTAACCGAGCCCGGGAACTGGGAACAACCTCAAAACAAAACCAGACAC
AGCACAAGCAGCGGCCACAGGCCACTGCAGAACAATTAGACTTGACAGATGATTTGCGACCATAATGA
TGCTGACTTTGAGGAGAAGGTGAAACAATTGATTGATATTACAGGCAAGAACCAGGATGAATGTGTGATT
GCTTTGCATGACTGCAATGGAGATGTCAACAGAGCTATCAATGTTCTTCTGGAAGGAAACCCAGACACGC
ATTCTGGGAGATGGTCGGGAAGAAGAAGGGAGTCTCAGGCCAGAAGGATGGTGGCCAGACGGAATCCAA
TGAGGAAGGCAAAAGAAAATCGAGACCGGGACAGAGACTATAGTCGGCGACGTGGTGGCCACCAAGACGG
GGGAGAGGTGCCAGCCGTGGACGAGAGTGTATGCATGGGGCTTTATCAAACCAGCTGTGGTTCGAGGTC
AGGAAAAATGGATTGGATGGCACCAAGAGTGGAGGGCCTTCTGGAAGAGGAACAGAAAAGGGCAGAAGGGG
CCGTGGCCGAGGCAGAGGTGGCTCTGGTAGCGAGGAGGAAGTTTTCTGCTCAAGGAATGGAAACCTTT
AACCCAGCTGATTATGCAGAGCCAGCCAATACTGATGATAAATATGGCAATAGCAGCGGCAATACGTGGA
ACAACACTGGCCACTTTGAACCAGATGATGGGACGAGTGCATGGAGGACTGCAACAGAGGAGTGGGGAC
TGAAGATTGGAATGAAGATCTTCTGAGACCAAGATCTTCACTGCCTCTAATGTGTCTTCAGTGCCTCTG
CCTGCGGAGAATGTGACAATCACTGCTGGTCAGAGAATTGACCTTGCTGTCTGCTGGGGAAGACACCAT
CTACAATGGAGAATGATTCATCTAATCTGGATCCGTCTCAGGCTCCTTCTCTGCCCCAGCCTCTGGTGTT
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AGCATGTTAGGGAAAGGATTTGGTGATGTCGGTGAAGCTAAAGGCGGCAGTACTACAGGCTCCAGTTCT
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CACCTCCTCTTGGGACATGGGCTCGACGACACAATCCCCATCACTGGTGCAGTATGATTTGAAGAACCCA
AGTGATTACAGCAGTGCACAGCCCTTTACAAAGCGCCAGGCTTTTACCCCATCTTCAACCATGATGGAGG
TGTTCTTTCAGGAGAAGTCACTGCAGTGGCTACCTCCACAGCTGCACCTCCACCTCCGTCTTCTCTCT
GCCAAGCAAATCCACATCGGCTCCACAGATGTCGCCTGGATCTTACAGACAACCAGTCTCTAGCCCTCAG
CCGGCTCAGCAGAACTGAAACAGCAGAAGAAAAAGCCTCCTTGACTTCTAAGATTCTGCTCTGGCTG
TGGAGATGCTGGCTCAGCAGATATCTCAGGGCTAAACCTGCAGTTGGGGCATTGCAGTTGGGTGAGA
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GCCTGTCCTTTCTGATTATGAGTCCACCCACCACGAGCGCCTCTTCAAGCCAGGCTCCAAGTAGCCTG
TATACCAGCACGGCCAGTGAATCATCTCTACAATTTTCATCTAACCAGAGTCAGGAGTCTGGTTATCAGA
GCGGCCAATTCAGTCGACAACCTATACCTCCAAAATAATGCTCAGGGCCCTCTTTATGAACAGAGATC
CACACAGACTCGGCGGTACCCAGCTCCATCTCTTCATCACCCAAAAGGACCTGACTCAGGCAAAGAAT
GGCTTCAGTTCTGTGCAGGCCACGCAGTTACAGACCACACAATCTGTTGAAGGTGCTACAGGCTCTGCAG
TGAATCTGATTACCTTCCACTTCTAGCATCCCCCTCTCAATGAAACGGTATCTGCAGTTCCTTACT
GACGACAACCAATCAGCATTTCATCTCTTGGGTGGCTTGAGCCACAGTGAGGAGATCCAAATACTACC
ACCACACAACACAGCAGCAGTTATCTACGCAGCAGAATACCCTTTCATCATCAACATCTTCTGGGCGCA
CTTCGACATCCACTCTTTTGACACAAGTGTGGAGAGTGAGGCGAATCTCCATTCTTCTCCAGCACTTT
TTCCACCACATCCAGCACAGTCTCTGCACCTCCCCAGTGGTCAGTGTCTCTCCAGTCTCAATAGTGCC
AGTAGCCTGGGCTCAGCCTAGGCAGCAACTCCACTGTCACAGCCTCGACTCGAAGCTCAGTTGCTACGA
CTTCAGGAAAAGCTCTCCCAACCTCCCTCTGGGGTCCC GCCGTTGTTGCCTAATCCGTATATTATGGC
TCCAGGGCTGTTACATGCCTACCCGCCACAAGTATATGGTTATGATGACTGCAGATGCTTCAGACAAGA
TTTCCATTGGATTACTACAGCATCCATTTCCACACCCACTACTCCGCTGACTGGGAGGGATGGTAGCC
TGCCAGCAACCCTTATTCTGGTGACCTCACAAGTTCGGCCGTGGGGATGCCTCTCCAGCCCCGGC
CACAACCTTGGCCAACCCCAACAGAACCAGACGAGACTCACCATACCAGCAGCAGACATTCTTGAAC
CCGGCGCTGCCTCCTGGCTACAGTTACACCAGCCTGCCATACTATACAGGGGTCCCGGGCTCCCCAGCA
CCTTCCAGTATGGGCTGCTGTGTTCCCTGTGGCTCCTACCTCTTCCAAGCAGCATGGTGTGAATGTCAG
TGTGAATGCATCGGCCACCCCTTCCAACAGCCGAGTGGATATGGGTCTCATGGATACAACACTGGTGT
TCAGTCACCTCCAGTAACACGGGCGTGCCAGATATCTCGGTTCTGTGTACTCCAAAACCCAGTCCTTTG
AGAAACAAGGTTTTTCATTCCGGTACTCTGTGCTTCTTCAACTGCCTTCAGCCCTAGGAAGTGGGG
CCCCATCAATCCGGCCACAGCTGCTGCCTACCCACCTGCCCTTATGCACATTCTGACCCCCATCAG
CAGCCGCATTCTCAGATCCTTACCATCACCTGCAGCAGGATGGCCAGGACATCTCAATTCGTGATG
ACCAGCTTGGTGAATAA
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- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001287816
- 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).
- 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_001287816.1](#), [NP_001274745.1](#)
- RefSeq Size:** 3999 bp
- RefSeq ORF:** 3237 bp
- Locus ID:** 9898

UniProt ID:	<u>Q14157</u>
Cytogenetics:	1q21.3
Protein Families:	Druggable Genome
Gene Summary:	<p>Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT-HSCs).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) uses an alternate in-frame splice site in the central coding region, and uses an alternate 3'-terminal exon, compared to variant 1. The encoded isoform (d) is shorter and has a distinct C-terminus, compared to isoform a.</p>