

Product datasheet for **SC337576**

UBAP2 (NM_001282529) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBAP2 (NM_001282529) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBAP2
Synonyms:	UBAP-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282529, the custom clone sequence may differ by one or more nucleotides

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ATGGACTCAAAGGGGCTTGAAGAATTCTGTGGAAGAGTGGACAACAGAAGACTGGACTGAAGATCATTG
ATCTGGTAGCCTTGCTCCAGAAGCCTGTTCTCAGAGTCAAGCCTCAGAAGCCAACTCCTTTGAACTTC
CCAACAGCAGGGCTTTGGCCAAGCCTTGCTTTCACAAATTCGCAACACAACAATCAGATGGCACCAGGG
ACTGGCAGCTCCACTGCCGTCAACTCCTGTTCTCCTCAGAGCCTGTCATCCGTCCTTGGCTCAGGATTTG
GAGAGCTTGACACCAAAAAATGGCAAACATCACCAGCTCCCAGATTTTGGACCAGTTGAAAGCTCCGAG
TTTGGGCCAGTTTACCACCACCCCAAGTACACAGCAGAATAGTACAAGTACCCTACAACACTACTTCT
TGGGACCTCAAGCCCCAACATCCAGTCCTCAGTCCTCAGTCATCTTGACTTCAAATCTCAACCTGAGC
CATCCCCAGTTCTTAGCCAGTTGAGCCAGCGACAACAGCACCAGAGCCAGGCAGTCAGTGTCTCTCTCC
TGGTTTGGAGTCTTTCTTCCCAGGCAAACTTCGAGAATCAACACCTGGAGACAGTCCCTCCACTGTG
AACAGCTTTTGAGCTTCCCAGCAGCACCATTGAAAATATCTCTGTGTCTGTCCACCAGCCACAGCCCA
AACACATCAAACCTTGCTAAGCGCGGATACCCCAGCTTCTAAGATCCCAGCTTCTGCAGTGGAAATGCC
TGGTTTCAGCAGATGTACAGGATTAAATGTGCAGTTTGGGGCTCTGGAATTTGGGTGAGAACCTTCTCTC
TCTGAATTTGGATCAGCTCCAAGCAGTGAAGATAGTAATCAGATTTCCATCAGCTTGATTCGAAGTCTT
TAAGTGAGCCTTTGAATACATCTTTATCAATGACCAGTGCAGTACAGAATCCACATATACAACCTCCGT
CATTACCTCCTGCAGTCTGACAAGCTCATCACTGAATTCGCTAGTCCAGTAGCAATGTCTTCTCTTAT
GACCAGAGTTCTGTGCATAACAGGATCCCATACCAAAGCCTGTGAGTTCATCAGAGTCACTCCAGGAA
CCATCATGAATGGACATGGTGGTGGTGAAGTCAGCAGACACTAGACACTCCAAAGACAACAGGCCCTCC
CTCTGCCCTCCCGTCTGTGAGCTCCCTGCCAGCACCCTCTGCACTGCACTTCTGCCGTCCACATCC
CAGCAGCTGGCAGCTGACTAGCAGCCTCTCTCAGCTTAGCAGTTCGCTCTCCAGCCACAGAGCA
GCCCTCTGCACATGCAGCCCTCTCCTCGAGCAGCTCACACACACATGCCAGTGTGGAGAGCGCCTCTTC
CCACCAGTCTCAGCCACCTTCTCCACGGCAGCGACCTCCGTCTCAAGTTCCGCATCCTCAGGCGTCAGC
CTGTCCAGTAGCATGAACACCGCAACAGCCTCTGTCTGGGTGGGACCCCGCAGTGCATCCAGCAGCA
GTAGCAGGGCCGCGCCCTTGGTGACCTCAGGCAAAGCACCCCAAACTTACCTCAGGGGGTGCCTCCCT
GCTGCACAACAGTACCTCGTAGGTCCCGGAGGACTGCTTCTGCCTACCCGATCTATGGCTATGACGAG
CTCCAGATGCTGCAGTCACGGTCCAGTGGACTACTATGGAATTCCTTTGCTGCACCCACAGCGCTTG
CCAGCCGAGATGGGAGCCTAGCTAATAATCCATATCCAGGTGATGTACAAAGTTTGGCCGTGGGACTC
TGCATCCCTGCACCCGCTACCACACCAGCTCAGCCACAGCAGAGCCAATCACAGACCCACCACAGCC
CAGCAGCCCTTCGTGAATCCTGCACTGCCACCTGGCTATAGCTACACTGGTCTTCCCTACTACACAGGCA
TGCCCAAGTGCCCTCCAGTATGGCCCCACCATGTTGTCCCTCCAGCCTCAGCCAAGCAACATGGGGTGAA
CCTCAGCACTCCACACCTCCCTTCCAGCAGGCCAGTGGTTATGGCCAGCACGGGTACAGTACAGGTTAT
GACGACCTGACCCAGGGGACAGCAGCAGGAGACTACTCAAAGGTGGCTATGCTGGATCATCGCAGGCAC
CAAACAAGTCTGCAGGTTCTGGGCTGGCAAAGGAGTATCAGTGTCTTCAAGCACCAGTGGTCTACCTGA
TATGACTGGTTCTGTCTACAATAAGACACAGACTTTTGACAAGCAGGGATTTTCATGCAGGGACGCTCCA
CCTTTAGCCTGCCCTCGGTCTTGGGCTCCACTGGGCCCTGGCCTCGGGAGCGGCCCTGGCTATGCAC
CCCCACCATTCCTACACATCTTGCCAGCCACCAGCAGCCCACTCACAGCTGCTGCACCACCACCTTCC
GCAGGATGCACAGAGTGGCTCGGGTCAGCGCAGCCAGCCAGCTCCCTGCAGCCCAAGTCTCAAGCCTCC
AAACCTGCCTACGGCAACTCTCCATACTGGACAACTAA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001282529

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:	<u>NM_001282529.1, NP_001269458.1</u>
RefSeq Size:	3985 bp
RefSeq ORF:	2559 bp
Locus ID:	55833
UniProt ID:	<u>Q5T6F2</u>
Cytogenetics:	9p13.3
Gene Summary:	The protein encoded by this gene contains a UBA (ubiquitin associated) domain, which is characteristic of proteins that function in the ubiquitination pathway. This gene may show increased expression in the adrenal gland and lymphatic tissues. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013] Transcript Variant: This variant (4) lacks four alternate coding exons and initiates translation at an alternate downstream start codon, compared to variant 1. The encoded isoform (4) is shorter and has a distinct N-terminus, compared to isoform 1.