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Product datasheet for SC315200

UBAP2 (NM_018449) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBAP2 (NM_018449) 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)

Fully Sequenced ORF:

>SC315200 representing NM_018449.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGACTTCAGTGAGCAGTGACCATTGTCGAGGTGCTCGGGAAAAACCACAGATTTCAGCAGCACAA
TCAACGCAACCACAGAAACAAGTGGTACAGGCAACAGCTGAACAGATGCGTCTCGCTCAAGTGATCTTT
GATAAGAATGATTCAGATTTTGAAGCTAAAGTTAAGCAGCTTATGGAAGTGACAGGGAAAAATCAGGAT
GAATGCATAGTGGCCCTACATGATTGTAATGGAGATGTGAACAAAGCTATCAATATATTGCTGGAAGGG
AATTCAGACACAACTTCATGGGAGACTGTAGGGTGTAAGAAAAAGAATTTTGCAAAAGAAAATTCAGAA
AACAAAGAGAATAGAGAGAAGAAAAGCGAGAAAGAATCGAGTCGTGGACGTGGAAACAACAACCGGAAA
GGAAGAGGCGGCAATCGTGGCAGAGAATTTAGAGGTGAAGAAAATGGAATTGATTGCAATCAAGTGGAC
AAACCTTCAGATCGTGGCAAGCGAGCCCGGGGTAGAGGATTTGGACGTGGCAGAGGGAGAGGGGCAGGA
AGGTTCTCAACCCAAGGCATGGGGACATTTAATCCTGCAGACTATTCAGATTCTACATCTACAGATGTG
TGTGGGACAAAGCTAGTAGTTTGGGAAGCTGCTCAGAATGGTGCAGATGAGGGAACTGAACTGGCATCA
AATACTCACAACATAGCTCAGGATCTGTCAAACAAAAGTTCTTATGGACTCAAAGGGGCTTGGAAGAAT
TCTGTGGAAGAGTGGACAACAGAAGACTGGACTGAAGATCTTTCTGAAACAAAGGTCTTCACTGCCTCA
TCTGCTCCAGCAGAGAATCACATCTTACCTGGGCAAAGCATTGATCTGGTAGCCTTGCTCCAGAAGCCT
GTTCCTCACAGTCAAGCCTCAGAAGCCAACTCCTTTGAAACTTCCCAACAGCAGGGCTTTGGCCAAGCC
CTTGTCTTCACAAATTCGCAACACAACAATCAGATGGCACCAGGGACTGGCAGCTCCACTGCCGTCAAC
TCCTGTTCTCCTCAGAGCCTGTCATCCGTCCTTGGCTCAGGATTTGGAGAGCTTGCACCACCAAAAATG
GCAAACATCACCAGCTCCCAGATTTTGGACCAGTTGAAAGCTCCGAGTTTGGGCCAGTTTACCACCACC
CCAAGTACACAGCAGAATAGTACAAGTCACCCTACAACTACTACTTCTTGGGACCTCAAGCCCCCAACA
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TTGAGCCAGCGACAACAGCACCAGAGCCAGGCAGTCACTGTTCCTCCTCCTGGTTTGGAGTCCTTTCCT
TCCCAGGCAAAACTTCGAGAATCAACACCTGGAGACAGTCCCTCCACTGTGAACAAGCTTTTGCAGCTT
CCCAGCACGACCATTGAAAATATCTCTGTGTCTGTCCACCAGCCACAGCCCAAACACATCAAACTTGCT

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AAGCGGCGGATACCCCCAGCTTCTAAGATCCCAGCTTCTGCAGTGGAAATGCCTGGTTCAGCAGATGTC
ACAGGATTAAATGTGCAGTTTGGGGCTCTGGAATTTGGGTCAGAACCTTCTCTCTCTGAATTTGGATCA
GCTCCAAGCAGTGAAAATAGTAATCAGATTCCCATCAGCTTGTATTCGAAGTCTTTAAGTGAGCCTTTG
AATACATCTTTATCAATGACCAGTGCAGTACAGAACTCCACATATACAACTTCCGTCATTACCTCCTGC
AGTCTGACAAGCTCATCACTGAATTCTGCTAGTCCAGTAGCAATGTCTTCCTCTTATGACCAGAGTTCT
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GGACATGGTGGTGGTCGAAGTCAGCAGACACTAGACACTCCAAAGACAACAGGCCCTCCCTCTGCCCTC
CCGTCTGTGAGCTCCCTGCCCAGCACCACCTCCTGCACTGCACTTCTGCCGTCCACATCCCAGCACACT
GGCGACCTGACTAGCAGCCCTCTCTCTCAGCTTAGCAGTTCGCTCTCCAGCCACCAGAGCAGCCTCTCT
GCACATGCAGCCCTCTCCTCGAGCACGTCACACACACATGCCAGTGTGGAGAGCGCCTCTTCCCACCAG
TCCTCAGCCACCTTCTCCACGGCAGCGACCTCCGTCTCAAGTTCCGCATCCTCAGGCGTCAGCCTGTCC
AGTAGCATGAACACCGCGAACAGCCTCTGTCTGGGTGGGACCCCCGCGAGTGCATCCAGCAGCAGTAGC
AGGGCCGCGCCCTTGGTGACCTCAGGCAAAGCACCCCCAAACTTACCTCAGGGGGTGCCTCCCCTGCTG
CACAACCAGTACCTCGTAGGTCCCGGAGGACTGCTTCCTGCCTACCCGATCTATGGCTATGACGAGCTC
CAGATGCTGCAGTCACGGCTGCCAGTGGACTACTATGGAATTCCCTTTGCTGCACCCACAGCGCTTGCC
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GCATCCCCTGCACCCGCTACCACACCAGCTCAGCCACAGCAGAGCCAATCACAGACCCACCACACAGCC
CAGCAGCCCTTCGTGAATCCTGCACTGCCACCTGGCTATAGCTACACTGGTCTTCCCTACTACACAGGC
ATGCCCAGTGCCTTCCAGTATGGCCCCACCATGTTTGTCCCTCCAGCCTCAGCCAAGCAACATGGGGTG
AACCTCAGCACTCCCACACCTCCCTTCCAGCAGGCCAGTGGTTATGGCCAGCACGGCTACAGTACAGGT
TATGACGACCTGACCCAGGGGACAGCAGCAGGAGACTACTCCAAAGGTGGCTATGCTGGATCATCGCAG
GCACCAAACAAGTCTGCAGGTTCTGGGCCTGGCAAAGGAGTATCAGTGTCTTCAAGCACCACTGGTCTA
CCTGATATGACTGGTTCTGTCTACAATAAGACACAGACTTTTGACAAGCAGGGATTTCATGCAGGGACG
CCTCCACCTTTCAGCCTGCCCTCGGTCTTGGGCTCCACTGGGCCCCTGGCCTCGGGAGCGGCCCCTGGC
TATGCACCCCCACCATTCCTACACATCTTGCCAGCCCACCAGCAGCCCCACTCACAGCTGCTGCACCAC
CACCTTCCGCAGGATGCACAGAGTGGCTCGGGTCAGCGCAGCCAGCCCAGCTCCCTGCAGCCCAAGTCT
CAAGCCTCCAAACCTGCCTACGGCAACTCTCCATACTGGACAAACTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_018449
Insert Size:	3360 bp
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_018449.3

RefSeq Size: 4299 bp

RefSeq ORF: 3360 bp

Locus ID: 55833

UniProt ID: Q5T6F2

Cytogenetics: 9p13.3

Domains: UBA

MW: 117.1 kDa

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 (1) represents the longest transcript and encodes the longest isoform (1).