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Product datasheet for SC328885

UBAP1 (NM_001171202) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBAP1 (NM_001171202) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBAP1
Synonyms:	NAG20; SPG80; UAP; UBAP; UBAP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>SC328885 representing NM_001171202.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTGGGGCGGTGAGGGGAAGGAGGAGGGAAGTAGGACTTCAACATGGCGGCTGCGGCACTGGCGGT
GGCTACGGTGACGGCCTGGCCCGGAGCGGGCAGAGTTGGAGGTGGTGGCGTTCGCTCTCCCTAGGGGCT
GTCGGGAGCTCAGCGGGGACCGAGCCTGGGAGGCCGGCCGGTGCCAGCACCTTTCGGCTTCTGAGACGG
CGGCAGCAGCGGCATTCAGGTTCTAAATGGCTTCTAAGAAGTTGGGTGCAGATTTTCATGTATGACTTC
TCTTTGGAAAAGAAAACCATTGAGTGGGCTGAAGAGATTAAGAAAATCGAAGAAGCCGAGCGGGAAGCA
GAGTGCAAAATTGCGGAAGCAGAAGCTAAAGTGAATTCTAAGAGTGGCCCAGAGGGCGATAGCAAAATG
AGCTTCTCCAAGACTCACAGTACAGCCACAATGCCACCTCCTATTAACCCCATCCTCGCCAGCTTGCAG
CACAACAGCATCCTCACACCAACTCGGGTCAGCAGTAGTGCCACGAAACAGAAAGTTCTCAGCCCACCT
CACATAAAGGCGGATTTCAATCTTGCTGACTTTGAGTGTGAAGAAGACCCATTTGATAATCTGGAGTTA
AAAACTATTGATGAGAAGGAAGAGCTGAGAAATATTCTGGTAGGAACCACTGGACCCATTATGGCTCAG
TTATTGGACAATAACTTGCCCAGGGGAGGCTCTGGGTCTGTGTTACAGGATGAGGAGGTCCTGGCATCC
TTGGAACGGGCAACCCTAGATTTCAAGCCTCTTCATAAACCCAATGGCTTTATAACCTTACCACAGTTG
GGCAACTGTGAAAAGATGTCACTGTCTTCCAAAGTGTCCCTCCCCCCTATACCTGCAGTAAGCAATATC
AAATCCCTGTCTTTCCCCAAACTTGACTCTGATGACAGCAATCAGAAGACAGCCAAGCTGGCGAGCACT
TTCCATAGCACATCCTGCCTCCGCAATGGCACGTTCCAGAATTCCCTAAAGCCTTCCACCCAAAGCAGT
GCCAGTGAGCTCAATGGGCATCACACTCTTGGGCTTTCAGCTTTGAACTTGGACAGTGGCACAGAGATG
CCAGCCCTGACATCCTCCCAGATGCCTTCCCTCTCTGTTTTGTCTGTGTGCACAGAGGAATCATCACCT
CCAAATACTGGTCCCACGGTCACCCCTCCTAATTTCTCAGTGTCACAAGTGCCCAACATGCCCAGCTGT
CCCCAGGCCTATTCTGAACTGCAGATGCTGTCCCCCAGCGAGCGGCAGTGTGTGGAGACGGTGGTCAAC
ATGGGCTACTCGTACGAGTGTGTCCTCAGAGCCATGAAGAAGAAAGGAGAGAATATTGAGCAGATTCTC
GACTATCTCTTTGCACATGGACAGCTTTGTGAGAAGGGCTTCGACCCTCTTTTAGTGGAAGAGGCTCTG
GAAATGCACCAGTGTTCAGAAGAAAAGATGATGGAGTTTCTTCAGTTAATGAGCAAATTTAAGGAGATG
GGCTTTGAGCTGAAAGACATTAAGGAAGTTTTGCTATTACACAACAATGACCAGGACAATGCTTTGGAA
GACCTCATGGCTCGGGCAGGAGCCAGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_001171202

Insert Size: 1617 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_001171202.1
RefSeq Size:	2618 bp
RefSeq ORF:	1617 bp
Locus ID:	51271
UniProt ID:	Q9NZ09
Cytogenetics:	9p13.3
MW:	59 kDa
Gene Summary:	This gene is a member of the UBA domain family, whose members include proteins having connections to ubiquitin and the ubiquitination pathway. The ubiquitin associated domain is thought to be a non-covalent ubiquitin binding domain consisting of a compact three helix bundle. This particular protein originates from a gene locus in a refined region on chromosome 9 undergoing loss of heterozygosity in nasopharyngeal carcinoma (NPC). Taking into account its cytogenetic location, this UBA domain family member is being studies as a putative target for mutation in nasopharyngeal carcinomas. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010] Transcript Variant: This variant (5) lacks an internal coding exon, which results in an in-frame upstream AUG start codon, as compared to variant 1. The resulting isoform (3) is longer and has a different N-terminus, as compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.