OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC223676

Ubn1 (NM_026666) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubn1 (NM_026666) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ubn1
Synonyms:	1110029L11Rik; 2610108L02Rik; AA673476; AW124741
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223676 representing NM_026666 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCGGAGCCCCACAGGGTCCAGTTCACCTCTGTCCCAGGTTCTTTGAATCCTGCATTTTTGAAGAAGT CCAGGAAAGAGGAAGTTGGAGGAACAGAACAGCATCAAGACTGTGAGCCAGCTGCAGCAGCTGTTCGGAT TACACTCACTCTCTTTGAACCAGATCACAAACGGTGTCCAGAGTTCTTCTACCCAGAGTTGGTAAAGAAT ATCCGCGGGAAGGTAAAAGGCCTTCATCCTGGAGACAAGAAAAAAGATGTCTTGGATCCTTTCAATGATG AAGAAAAAGAAAGGCATAAGGTGGAGGCCCTTGCACGGAAATTTGAAGAAAAATATGGTGGAAAGAAACG TAGGAAAGACCGAATACAGGACTTGATTGATATGGGGTATGGCTATGATGAATCGGATTCTTTCATCGAT AACTCTGAGGCGTATGATGAACTTGTTCCTGCTTCTTTGACTACAAAGTATGGAGGATTTTACATCAACT CAGGAACCTTGCAGTTTAGACAAGCTTCAGAATCTGAAGATGACTTCATTAAAGAAAAGAAGAAAAAATC TCCGAAGAAGCGGAAGTTGAAGGAAGGTGGTGAAAAGATAAAAAAGAAGAAAAAAGATGACACTTACGAC AAGGAGAAGAAATCGAAAAAGTCCAAGTTTTCCAAAGCCGGCTTCACAGCCCTCAATGCCAGTAAGGAGA AAAAGAAGAAGAAGTACTCTGGGTCATTAAGCGTTAGAGAGATGCTCAAGAAATTTCAGAAGGAGAAAGA GGCTCAGAAAAAAAGGGAGGAGGAGCATAAACCTGTAGCTGTGTCATCAATAGAAGCTCAGGGCCTTAGG GAACTGGAGGGCACTTCTGACCCACTGCTCTCACTCTTTGGCTCTACTTCTGACAATGACTTGCTCCAAG CTGCCACTGCCATGGACTCTCTGACGGATTTGGACTTGGAGCAGTTGCTCAGTGAGTCTCCAGAAGGAAG CCCTTTCCGAGATATGGATGATGGAAGTGATTCCCTTGGGGTGGGATTGGATCAGGAATTCAGGCAGCCC TCTTCCTTCCCCGAAGGCCTGCCGATACCCCTGGAGAAGCGTGTTAAGGAGCTGGCTCAGGCTGCCAGAG CTGCTGAGGGAGAGAGCAAACAGAAATTCTTCACTCAAGATATTAATGGCATCCTGCTGGACATAGAGGT GCAAACTCGGGAGCTGACTAGCCAAATCCGTTCTGGGGTGTTTGCCTATCTGGCTTCATTCCTGCCCTGC AGCAAGGATGCTCTAGTCAAGCGTGCTCGGAAACTTCACCTCTACGAACAGGGTGGGCGCCTGAAAGAGC CACTCCAGAAGCTCAAGGATGCCATAGGTAGGGCTATGCCTGAGCAGGTAGCCAAGTACCAGGATGAATG CCAAGCACACACACAGGCAAAGGTTGCTAAGATGCTGGAGGAAGAGAAAGACAAGGAGCAGAGAGAACGG ATTTGTTCTGATGAAGAAGAGGATGAAGAAAAGGGGGGCCGGAGAATAATGGGGCCCCGGAAGAAATTCC

View online »

AGTGGAATGATGAAATCAGGGAGCTTCTGTGCCAGGTGGTGAAGATCAAGCTGGAGAGCCGTGATCTGGA
GAGGAACAGCAAGGCCCAGGCCTGGGAGGACTGTGTGAAAGCTTTTCTGGATGCTGAGGTCAAGCCTCTC
TGGCCCAAAGGCTGGATGCAAGCCAGGACTCTATTTAAGGAGAGCCGACGAGGCCATGGACACCTGACAT
CACTTCTGGCCAAGAAGAAAGTAATAGCTCCCTCAAAAATCAAGATGAAGGAATCATCTGTTAAGCTTGA
CAAAAAAGTTTCTGTTCCATCAGGACAGCATGGTGGTCCCACTACTTTGCTCTCAGAACATCAGGGCGGA
GGCCTGAACACTGGGGCAAACAGCAGGGAGCATCCATCCCAGGCAACTTGTGGCCTCACTGACTCTGTTT
CTGTCACCCTGGAGGACTCCCTGGATGAAGACCTCGTCAGGAATCCAGCCTCCTCTGTTGATGCTGTGTC
TAAGGAGCTGGCTACGTTGAACAGCAGAGCAGCCAACAGTTCCGAATTCACACTGCCTACACCCTCCAAA
GCACCAACAGAAAAAGTTGGTGGTGTTTTGTGTACAGAAGAGAAACGGAACTTTGCAAAGCCCAGCTCTT
CTGCACCACCCCCCACAAATGCTCTGCAATCACCTCTCAATTTTCTGGCTGAGCAGGCTCTAGCACTGGG
GCAGTCCTCTCAGGAGAAAAAGCCAGAGGGTTCTGGCTTCAAAGAGCTATCCTGTCAGGGTCCCCTTAGC
AAGGGTGTGCCTGAATTACACCCGTCCAAAGCAAAGCACCACAATTTGCCACGGACGTCTCATGGACCCC
AGGCAGCAGCTCCTGTGCCTGGACCCCAAGTCAAAGTCTTTCATGCAGGCACTCAACAGCAGAAAAGCTT
CACACCCCCATCCCCATTTGTCAACAAGCTGCAAGGCCCAAAGGCCACCTCTCCACAGTGTCATCGGTCC
CTTCTGCAGCTGGTAAAGACAGCAGCCAAAGGCCAGGCATTCCATGCCACTATGCCAGCCTCCTCTGGAA
GTTCACCAGCCTCCAGCAGCAGTGCCCATAAGACGACAGCCTCAAACTCTACCACCATCAGCCATCCAGC
CAAGCTGCACCCCACCAGCTCTGTGGGGCCGTCTTATAAGAATAACCCCTTCGCTGGCTCAGTCTCTAAA
CATGGGGCTTCTTCTAGCAGCCCATCGCCCGGAGGAGGAGCCCAAGTGCAGAGCTCTGTTTCTGGGGCCT
CGCTCCCGGGGGTGCAGTCTCCCTCAGCAGGACAGTCTGCTAGCCGAGCTGCCCCAAGTTCTGCTGTGAA
AAAAACACCTGTTACTCAGAAGCTGACCCTTGTAGCTCCACCTGGAGGTCCAAATGGAGATTCTGGTGGT
GGGACCCAGGGAGTGGCAAAATTACTGACTTCCTCCCTGAAGCCTGCTGCAGTTAGTAGTGTGACATCGT
CTACCTCCTTGCCAAAAGGAACTGGCGGGGCAGTGCTGCTGTCCAACACCTCTTCCTTAAGCCTGCTGTC
TTCATCCTATAAGTCCAACAACCCCAAGCTTCCAGGGGCTATGAACTCAAACTCACTGGGAATCATAACC
CAATTTCCACTTCATGTACTCTCCTTCAATGCAGACTCCTCTGCCAAAGCAGGAGTCTCTAAGGATGCCA
TTGTCACAGGTCCAGCCCCTGGGACCTTCCACCATGGCCTCAGCCACAGTCTTCTGGCTGGTTTGCACTC
CAGCCCACCCCACACAGCGCCTCTCCCACATGCTGCTGTGTCTACCCATGTCCCACAGAGCCTGCCAGAT
GCTTCACAGCTTCATGGTAAAGGGCCTGTTGTACCGAGGAAATTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026666

Insert Size: 3408 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).

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_026666.3, NP_080942.1
RefSeq Size:	6455 bp
RefSeq ORF:	3408 bp
Locus ID:	170644
UniProt ID:	Q4G0F8
Cytogenetics:	16 2.49 cM
Gene Summary:	Acts as a novel regulator of senescence. Involved in the formation of senescence-associated heterochromatin foci (SAHF), which represses expression of proliferation-promoting genes. Binds to proliferation-promoting genes. May be required for replication-independent chromatin assembly (By similarity).[UniProtKB/Swiss-Prot Function]