

Product datasheet for **MC201350**

Asf1a (NM_025541) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asf1a (NM_025541) Mouse Untagged Clone
Tag: Tag Free
Symbol: Asf1a
Synonyms: 2310079C17Rik; C79052
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC027628 sequence for NM_025541
TGTTTGTGTTTTCTTCAAATATGGCAAAGTTTCAGGTGAACAATGTAGTGGTGCTGGATAACCCGTCGC
CTTTCTACAACCCGTTCCAGTTCGAGATCACCTTCGAGTGCATCGAGGACCTGTCTGAAGACTTGGAGTG
GAAAATAATCTATGTGGCTCTGCAGAAAGTGAAGAATACGATCAAGTTTTAGACTCTGTTTTAGTGGGT
CCCGTTCTGCAGGAAGGCATATGTTTGTGTTTCAGGCTGATGCACCGAATGCAGGACTCATCCCAGATG
CAGATGCAGTGGGGTAAACAGTTGTTCTGATTACTTGCACCTACCGAGGTCAGAAATTTATTAGAGTTGG
CTACTATGTAATAATGAATACACTGAAACAGAAATTAAGGGAAAACCCAGTAAAACAGACTTTTCT
AAGCTTCAAAGGAATATTTGGCATCTAATCCCAGAGTCACAAGATTCACATTAAGTGGGAAGATAATA
CAGAAAACTGGAAGATGCAGAGAGCAGTAACCCAAATCTACAGTCCCTTCTTCAACAGATGCATTACC
GTCAGCGTCAAAGGATGGTCCACGTGAGAAAACACTCAATGTTATGTTAGAATCCCACATGGACTGC
ATGTGACCACGTGCCATCCCATTAGTACAGATTAAGCTATTAACAGAACTATTTCCCTGAAGTCCG
TAAGTACATAGTCAACGTGAAATGTGAAGAATTTGTTTAAAAACATCCTGTAGAAAGTTTATAAGAAAA
CCAGTATTTGAGCAAATTTGGATTATAAATACTAATTTTTAAGTACTTTTTCTCTAATGTGTTATT
TTATTTGTTTCATGAACTAATCTGATTAAGCATATATATTAACAAAAA

Restriction Sites: EcoRI-NotI

ACCN: NM_025541

Insert Size: 615 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).



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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: [BC027628](#), [AAH27628](#)

RefSeq Size: 905 bp

RefSeq ORF: 615 bp

Locus ID: 66403

UniProt ID: [Q9CQE6](#)

Cytogenetics: 10 B3

Gene Summary: Histone chaperone that facilitates histone deposition and histone exchange and removal during nucleosome assembly and disassembly. Cooperates with chromatin assembly factor 1 (CAF-1) to promote replication-dependent chromatin assembly and with HIRA to promote replication-independent chromatin assembly. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit. [UniProtKB/Swiss-Prot Function]