

## Product datasheet for **MR219586**

### Unc93a (NM\_199252) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Unc93a (NM_199252) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Unc93a
Synonyms:	unc-93A; Unc93l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR219586 representing NM\_199252  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGAGGAGTCTGAAGAATGTTCTGGTGGTTTCTTGTGGCTTCTCCTGCTCTTCACTGCCTACGGGG  
 GCCTGCAGAACTGCAGAGCAGCCTCTACAGTGAGCAGGGCCTGGGGGTGGCGACTCAGCACACTCTA  
 TGCTCTGTGCTGCTGTCTCCATGTTCTCCACCTATCCTCATCAAGAAGTGTGGCTGCAAGTGGACC  
 ATCGTGGGCTCCATGTGCTGCTATGTGGTCTTCTCCCTGGGCAACTTCCATGCCAACTGGTACACCTGA  
 TCCCTACCTCCATCTTGTGGGCTGGGTGCGGCCCTCTGTGGTGGCTCAGGGTACCTACCTACCCAC  
 CATGGGAAATCTGCAAGCGAAAAGGTGGGGAAGCTTGGCAAAGATGTGGTGAACCAAGTATTTTGGCATC  
 TTTTCTGGTATTCCAATCTTCTGGAGTGTGGGGCAACCTGATTTCTCACTGGTGTTCGGAAGATGT  
 CCATGCAAGAAGCCATCCAGAGGAACAGCTCATGTCTGTGGAGCCAAAGACTGCCTGATGGGTCCAGC  
 GGCCACCAACAGTACTCATCCCTCACAGCAGCTGATCTACACTGTGGGCATCTACACCGGTGT  
 GGTGTCCTGGCCATCCTGCTGGTGTGTCTTCTGGAGTCTTGAAGATAAGCTTGAAGTGAAGGAG  
 AGAGGAGGCCAGACCACCACTTTGGTCCACATTACTGTCAACCTTCATGCTGTTTAGAGACAAGCG  
 TTTGTGCTCCTGATGTTCTGCCACTGTACAGTGGGTTTCAACAAGAGTTCTCTCTGGAGAGTACACA  
 AAGTCTTATGTGACCTGTGCCCTGGGTATCCACTTTGTGGGCTACGTGATGATCTGCTTCTCAGCCATGA  
 CTGCACTGTGCTCCCTGCTGTATGGGAAGATCTCCAAGTACACGGGCAGGGCGGCGCTCTATGCACTGGG  
 AGCAGCCATTCACTTCTTGTGATTGTGGTCTTCTGCTGTGGCACCCAAACCAACCAACTGCCTGTC  
 TTCTTCGCTCTCTGGCCTGTGGGAAATGTCTGACGCTGTCTGGCAGACACAGAACAATGCTCTTTTCG  
 GTGCTCTTTGAGGAGAACAAAGAACCCTGCTTTTGGCAACTACCGCTTGGAGAAGCCATAGGGTTTGT  
 CATTGCCTTTGGCTACAGCTCATTCTGTGTGTGAGTACCAAGCTCTACATCCTCTTGGGTGCTTGTGAGT  
 CTGGCCATGGTTGGTTACGGGACAGTTGAGTACCTGGAAGTCAAGGCTGCTTCCAAGTCTTGGTGCAG  
 AAAAGAAAACCAGGCAGAGGGAAGAATGAAAACAAAATA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR219586 representing NM\_199252  
 Red=Cloning site Green=Tags(s)

MERSLKNVLVSCGFLLLFTAYGGLQNLQSSLYSEQLGVATLSTLYASVLLSSMFLPPILIKCGCKWT  
 IVGSMCCYVVFSLGNFHANWYTLIPTSIILLGLGAAPLWSAQGYLTTMGNLQAEKVGKLGKDVVNQYFGI  
 FFLVFQSSGVWGNLISSLVFGKMSMQEAIPEEQMLMSCGAKDCLMGPAATNSTHHPSSQLIYTLGLIYTG  
 GVLAILLVAVFLESLEDKLENEGERRPRPPLWSTLLSTFMLFRDKRLCLLMLPLYSGFQEFLSGEYT  
 KSYVTCALGIHFVGYVMICFSAMTALCSLLYGKISKYTGRAALYALGAAIHFSCIIVFLLWHPNTNQLPV  
 FFVLSGLWMSDAVWQTQNNALFGVLFEENKEPAFANYRLGEAIGFVIAFGYSSFLCVSTKLYILLGVLS  
 LAMVGYGTVEYLEVKAASKVLGAEKKNQAEEMKTKI

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9086\\_a11.zip](https://cdn.origene.com/chromatograms/mm9086_a11.zip)

**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



ACCN: NM\_199252

ORF Size: 1374 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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\\_199252.2](#), [NP\\_954860.1](#)

RefSeq Size: 2666 bp

RefSeq ORF: 1377 bp

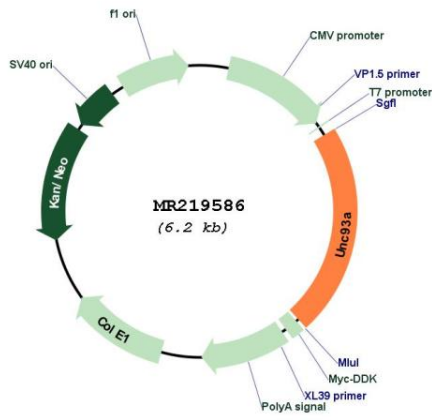
Locus ID: 381058

UniProt ID: [Q710D3](#)

Cytogenetics: 17 8.78 cM

MW: 50.4 kDa

Product images:



Circular map for MR219586