

Product datasheet for **MR208883**

Asns (NM_012055) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asns (NM_012055) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Asns
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208883 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGTGGCATCTGGCCCTCTTCGGCAGCGATGACTGCCTTTCCGTGCAGTGTCTGAGTGCATGAAGA
 TCGCGCACAGGGGCCAGATGCATTTTCGCTTTGAGAATGTCAATGGATACACCAACTGCTGCTTTGGCTT
 TCACCGCTTGGCTGTGGTTGACCCGCTGTTTGGAAATGCAGCCGATAAGAGTGAGGAAATACCCCTATTTG
 TGGCTCTGTTACAATGGTAAATCTACAACCACAAGGCGCTACAGCAACGTTTTGAATTTGAATATCAGA
 CCAATGTGGATGGTGAATTATCCTCCACCTCTATGACAAAGGAGGCATCGAGAAAACCTCTGTATGCT
 GGACGGGTGTTTGCATCTTACTGGACACTGCCAATAAGAAAGTATTTCTGGGCAGAGACACCTAT
 GGAGTCAGGCCCTGTTTAAAGCCATGACAGAAGATGGGTTTCTGGCTGTGTTCAGAAGCTAAAGGCC
 TTGTTTCCTTAAACACTCCACCACTCCCTTCTTAAAAGTGGAGCCCTTCTTCTGGACACTATGAAGT
 TTTGGATTTAAACCAAATGGCAAAGTTGCGTCTGTGAAATGGTCAAATACCATCACTGTACGGATGAA
 CCATTGCATGCCATCTATGACAGCGTGGAGAACTCTTCCAGGCTTTGACCTAGAGACCGTGAAGAACA
 ATCTGCGTATCCTTTTTGACAACGCTATCAAGAAACGCTTGATGACAGACCGGAGGATTGGCTGCCTTTT
 ATCAGGGGGCCTGGACTCGAGCTTGGTTGCTGCCTCTCTGCTGAAGCAACTCAAGGAGGCCAAAGTTGAG
 TATCCTCTCCAGACATTTGCTATTGGCATGGAGGACAGCCCCGATCTCCTGGCCGCTAGAAAAGTGGCAA
 ATTATATTGGAAGCGAGCATCATGAAGTCTTTTTAACTCTGAAGAAGGCATTACGGCCCTGGATGAAGT
 CATATTTTCTTGGAACTTATGATATTACGACAGTTCGGGCATCTGTGGGCATGATTTAATTTCCAAG
 TATATTCGGAAGAACACAGACAGCGTGGTATCTTCTCCGAGAGGGGTGAGAGACTGAGAGACTGGAAGGCT
 ATATATTTCCACAAGGCTCCTTCCCTGAGAAGGCCGAGGAGAGAGTGAAGGACTGCTGAAGGACT
 CTACCTGTTTGTGTTCTCCGGGCCGACCGCACTACTGCTGCACACGGTCTCGAACTGAGAGTCCCTTT
 CTGGATCATCGGTTTTCTTCTATTACCTGTCTCTGCCGCCAGATATGAGAATTCAAAAAATGGCATAG
 AAAACATCTCCTGAGAGAGACTTTTGGAGACTGCAACCTGCTACCCAAAGAGATTCTCTGGCGACCCAA
 AGAAGCCTTCAGTGATGGGATCACCTCAGTCAAGAAGTCTGTTCAAGATTTTGCAGGACTATGTTGAA
 CATCAGGTTGATGATGAGATGATGTCTGCAGCCTCCAGAAGTTTCCCTCAATACTCCAAAACTAAGG
 AAGGCTACTTCTACCGTCAGATCTTGAACGCCATTACCCAGGCCGGCTGATTGGCTGACTCATTATTG
 GATGCCTAAGTGGATCAATGCTACTGACCCTTCTGCCCGCACTCTGACCCATTATAAGTCAGCTGCCAA
 GCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208883 protein sequence
 Red=Cloning site Green=Tags(s)

MCGI WALFGSDDCLSVQCL SAMKIAHRGPDAFRFENVNGYTNCCFGFHLAVVDPLFGMQPIRVRKYPYL
 WLCYNGEIYNHKALQRFEFYQTNVDGEIILHLYDKGGIEKTI CMLDGVFAFILLDTANKKVFLGRDYL
 GVRPLFKAMTEDGFLAVCSEAKGLVSLKHSTT PFLKVEPFLPGHYEVL DLKPNGKVASVEMVKYHHCTDE
 PLHAIYDSVEKLFPGFDLETVKNNLRILFDNAIKRLM DRRIGCLLSGGLDSSLVAASLLKQLKEAQVQ
 YPLQTF AIGMEDSPDLLAARKVANYIGSEHHEVLFNSEEGIQALDEVIFSL ETYDITTVRASVGMYLISK
 YIRKNTDSVVIFSGEGSDEL TQGYIYFHKAP SPEKAE EESERLLKEL YLFDVLRADRTTAAHGLELRVFP
 LDHRFSSYYLSLPPDMRIPKNGIEKHLRET FEDCNLLPKEILWRPKEAFSDGITSVKNSWFKILQDYVE
 HQVDDEMMSAASQKFPFNTPKTKEGYFYRQIFERHYPGRADWL THYWMPKWINATDPSARTLTHYKSAAK
 A

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

ACCN: NM_012055

ORF Size: 1686 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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.

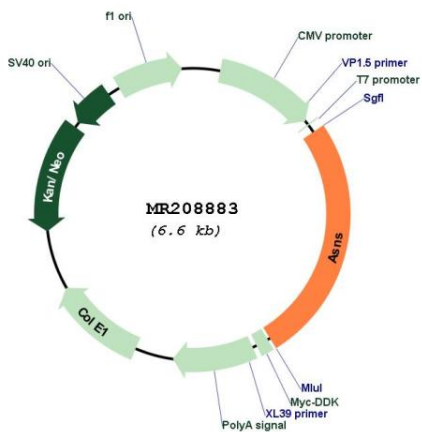
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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_012055.4](#)

RefSeq Size: 1927 bp
 RefSeq ORF: 1686 bp
 Locus ID: 27053
 UniProt ID: [Q61024](#)
 Cytogenetics: 6 A1
 MW: 64.3 kDa

Product images:



Circular map for MR208883