

Product datasheet for **MG209567**

Asnsd1 (BC013617) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asnsd1 (BC013617) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Asnsd1
Synonyms:	2210409M21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG209567 representing BC013617
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTGTGGCATTGCTGTTCTGTAAGCTTCTCTATTGAACACTTCAGTAAAGAGTTAAAAGAGGATTGCT
 TGCATAATCTTAGACGGCGGGGCCCAACAGCAGCAGGCAGTTGTTAAATCTGCTGTTAACTATCAGTG
 TTTATTTTCTGGTCATGTTCTTCATTTAAGAGGTGTTTTGACTATCCAACCTGTAGAAGTGAACATGGC
 AATGTGTTCTTATGGAATGGAGAAGTTTTAATGGAGTAAAGGTTGAAGCAGAAGATAATGACACCCAGG
 TTATGTTCAATAGCCTTTCTGCCTGTAAGAATGAGTCTGAAATTTTCTGCTCTTCTCTAAAGTGAAGG
 TCCATGGTCGTTTATCTATTATCAGGCCTCTAGCCATCACTTATGGTTTGGTAGGGACTTTTTTGGTCGG
 CGTAGCTTGCTTTGGCAGTTTAGTAATCTGGGCAAGAGTTTCTGCCTTTCGTGAGTTGGTACCCAGGTAT
 ATGGAGTTGCAGACCAGTGGCAAGAAGTCCAGCATCTGGAATTTTCCAGATTGATCTCAATTCTGCTGC
 TGTTTCCAGATCTGTGATCTTAAATATATCCTTGGAGATACATTTCTAAGGAGGATATTGCCGAAGAA
 TGTGGTAAATGACCTGACTCAGACTCCAGCAGGATTGCCAGAGTTGTATCAGTGGTAATAAATGAAGCCA
 ACCTGTACCTCTCAAAACCTGTCGTTCCCTTAAATAAGAAGCTGCCTGAGAGTCCATTGGAATCCAATG
 TAGAAACAGTTCTAGCACTTCAGGTACAAGAGAGACACTTGAGGTATTTCTTACAGATGAACACACAAAA
 AAAATAGTTTCAGCAGTTCAATGCCATCCTCAATGTTTCAGTCAAGAGACGCATCTTATGTTTAGCTAGGG
 AAGAAAACCTGGCATCAAAGGAAGTTTTAAAACTTGCAGTTCGAAAGCAACATTGCGATCCTGTTTTCT
 TGGAGGTGTTGATTCTATGGTGATTGCAGCCCTTGCTGATCGTCATATTCCTTTAGATGAGCCAATTGAT
 CTTCTGAATGTGGCTTTTGTGCCTAAACAAAAACAGGGCTACCTATTCTAACATAGAAAGAAAAACAGC
 AGAACCACCATGAGATCCCTTCTGAAGAGTCTCTCAGAGTCTGCTGCAGATGAGGGGCCAGGTGAGGC
 TGAGGTACCAGACCGAGTACAGGAAAAGCAGGACTAAAGGAACACAGTCTGTCAACCCTTCTCGAAT
 TGGAAATTTGTGGAATAAATGTTTCTCTTGAAGAACTACAAAACTAAGAAGAGCTCGAATATGCACT
 TAGTTCAGCCATTGGACACAGTTCTGGATGATAGCATTGGCTGTGCTGTGTGTTTGCTCTAGAGGAAT
 CGGTTGGTTGGTGACCAAGATGCTGTGAGATCTTACAAGAGCAGTGCAAGGTGATTCTTACTGGGATT
 GGTGCAGATGAGCAGTTGGCAGTTATCCCGTCATCGTGCCGCTTTCAGTCTCTTGGCCTAGAAGGAC
 TGAACGAGGAAATAGCAATGGAATTGGTGCATTTCTTCTAGAAACCTTGGTCGTGATGACAGAGTTAT
 TGGTGATCATGGAAGGAAGCAAGATTTCTTTCTGGATGAAAATGTTGTGCTTTCTAAATTCTCTG
 CCAGTTTGGGAAAAGGTAGACCTCACTCTGCCCGTGGAGTTGGTGAGAAGCTTATTTACGCCTTGCAG
 CTATGGAACCTTGGTCTCCAGCCTCTGCCCTTCTGCCAAAACGAGCCATACAATTTGGATCTAGAATTGC
 AAAACTGGAATAATTAATGAGAAGGCATCTGATAAGTGTGAAGGCTCCAAATCTACCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG209567 representing BC013617
 Red=Cloning site Green=Tags(s)

MCGICCSVSFSIEHFSKELKEDLLHNLRRRGNSSRQLLKSAVNYQCLFSGHVLHLRGLVTIQPVEDEHG
 NVFLWNGEVFNGVKVEADNDTQVMFNSLSACKNESEILLFSKVQGPWSFIYYQASSHHLWFRDFFGR
 RSLWQFSNLGKSFCLSSVGTQVYGVADQWQVEVPASGIFQIDLNSAAVRSVILKLPWRYISKEDIAEE
 CGNDLTQTPAGLPEFVSVVINEANLYLSKPVVPLNKKLPESPLEIQCRNSSSTSGTRETLEVFLTDEHTK
 KIVQQFIAILNVSVKRRILCLAREENLASKEVLKTCSSKANIAILFSGGVDSMVIAALADRHIPLDEPID
 LLNVAFVPKQKTGLPIPIPIERKQQNHEIPSEESSQSPAADGPGAEVDPDRTGKAGLKELQSVNPSRT
 WNFVEINVSLEELQKLRRARICHVQPLDTVLDDSIGCAVWFASRGIGWLVTQDAVRSYKSAKVILTGI
 GADEQLAGYSRHRARFQSLGLEGLNEEIAMELGRISRNLRDGRVIGDHGKEARFPFLDENVVSFLNSL
 PVWEKVDLTLPBGVEKILRLAAMELGLPASALLPKRAIQFGSRIAKLEKFNEKASDKCGRQLQILP

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC013617

ORF Size: 1881 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC013617](#), [AAH13617](#)

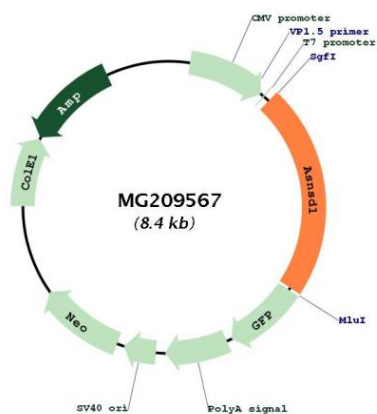
RefSeq Size: 2266 bp

RefSeq ORF: 1883 bp

Locus ID: 70396

Cytogenetics: 1 C1.1

Product images:



Circular map for MG209567