

Product datasheet for **MC221785**

Adam1b (NM_172125) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Adam1b
Synonyms:	Adam1; Ftna
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC221785 representing NM_172125
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCGACTAAAGCTGGGAAAAATCCCAGAGCACTGGTGTATCAGGCTGGTGGCCATGTTGCTCTTGG
CAATAATTTTCTCCCGAGCACGTTCTGTGACATTGGATCTGTATATAATTCTTCTATGAAACTGTCAT
CCCTGAGAGACTGCCAGGCAAGGGGGGAAAGACCCTGGAGGGAAGGTGTCTACATGCTATTGATGCAA
GGCCAAAAGCAGCTGCTTACCTCGAGGTAAGGGGACACTACCCTGAGAATAAATCCCAGTCTACAGTT
ACCACAATGGCATCCTGAGGCAAGAAATGCCTCTCCTCTCCAGGACTGCCACTATGAAGGCTACATGGA
AGGGGTGCCAGGCTCCTTTGTTTCTGTCAACATCTGTTCAAGCCTCAGGGGGGTCTTGATTAAAGAGGAA
ACATCCTATGGCATTGAGCCCATGCTCTTCCAAAAAATTGAACATGTCTTACACCATGGAGCATC
AGCCTGTGGTCTCCTGCAGTGTCACTCCCAAGACAGCCCTGGGGACACCGCCATCCACCAAGGAGCAG
GAAGCCCGATGACCTACTGGTCTGACTGACTGGTGGTCACACCAAGTATGTGGAGATGTTTGTGGTG
GTCAACCAACGAGCGTTCCAGATGTGGGGCAGTAACATCAACGAGACGGTCCAGGCAGTAATGGACATCA
TTGCTCTGGCCAACAGCTTCACTAGGGGGATAAACACAGAGGTGGTGTGGTGGGCCTGGAAATCTGGAC
AGAGGGGGACCCGATAGAGGTCCCAGTGGACCTGCAGACCACACTCAGGAATTTCAACTTCTGGAGACAG
GAGAACTCGTGGCCGGGTGAGGCACGATGTGGCACAATTGATCGTGGGCATCGCCAGGAGAGAAGC
AGGGCCAGGCGTTTCTCCGTGGTGCCTGTTTCGGGTGAGTTTTCGGCGGCCGTGGAGGCCTTCCATCATGA
AGATGTCTCTGTTTCGGGCTCTCATGGCCACGAGCTCGGGCACAACCTGGGTATCCAGCAGCACCAC
CCGACCTGCACCTGTGGTCCCAAGCACTTCTGCCTCATGGGTGAGAAGATCGGTAAAGCAGTGGCTTCA
GCAACTGCAGCTCTGACCACTTCTCCGTTTCTCCAGCACCAGAGGGGTGTGCCTGCTTGATGAGCC
TGGGCGCCAGAGCCGATGCGCAGAGCTGCCAATTGTGGGAATGGTGTGGTGGAGGACTTGGAGCAGTGT
GACTGTGGCAGTACTGTGATAAAAGCCAGTGTGTGATGAAAATTGTAAGTGAAGGGCAACTCAGTGT
GCAGCACTGAACTTTGTGTTTTAAATGTAACTTAAAAAGGAAGGAGATGTTTGCCGTCTGCTGACGG
ACCATGTGACCTGGAAGAATACTGCAATGGGACCTCTGCAGCATGTCCAGTGACAGGAAAGCCAGGAC
GGCTCTAAGTGCCACGAATCCTTCTTGCTTTAATGGTCAGTGATGGACCTACCTTTCACTGCTCTC
GTATTTTGGGCATGGTTCAAGGTCTGCCTCCGATTATTGCTACACCTCTCTGAACCTGAGAGGAGACCA
GTTTGGAACTGTGGCTCCTCTCAATTTCCAAAAAGTATACCAAGTGTTGAGATAAAATGTAATG
TGTGGGAACTTATATGTACAGAGTGGCCTTCTGCCACAAATCAACCGAACAACCTGCTGCTCCAGG
TCCCTGAGACCGAGGACTGGTGTGGAGTGTAGCTGTGTTTGACATGAGAGATTCCCTCCATGAGGAATA
CGTGAAGGACAACCTTACTGTGGCAAAGATAAAGTCTGTAAAAATTCATTTGTGAGGACTTCACTCCA
TTCTCATTTCCCTGTAGTCCAAGCAACAATGCAACAAGCAGGGGTGTCAATGACCTGGGGAAGTGGC
ACTGCTCCTTCGGCTTTCACCTCCCGACTGCAAGAGGAAGGCACTGGGGGCAGTGTGGACAGTGGCCC
TGCTGTAAATCTGTCAAATGACAGCAGTCCAGGGCCGAACCTCACCCAATCCAGCACAGAGGAGCTGATC
CTTAACCTAAAGCTGATCGTCTGGCTGTCATTCTGGTGTGATGATACTCTTAATAATCATATGCATCA
TAAGTGCCTACACCAAGTCAGAGACCGCTTCCGAAGCAGGGCCTTCAAGCTAGAGGAGCTTCCAGAAGG
GGAGAAGGAAGAGCAGGAGGAGTCTACCAGAAGAGGCTAAAGGGGAGGAGGAGGAGTTGGAGTATGGG
AAGGAAGAAGCAGAAGAGCAAGGAGCAGTGAAGAGGAAGGAGCAGAAGAGGCAACGAAGAAGCAGCAG
CAGAAAAGAAAGACGAAGATGAAGAAGAGGGAGAGGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_172125

Insert Size:

2421 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_172125.2</u> , <u>NP_742123.2</u>
RefSeq Size:	2884 bp
RefSeq ORF:	2421 bp
Locus ID:	280667
UniProt ID:	<u>Q8R534</u>
Cytogenetics:	5 F
Gene Summary:	May play a role in spermatogenesis and sperm maturation.[UniProtKB/Swiss-Prot Function]