

Product datasheet for **MC221325**

Gm4787 (NM_001038995) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm4787 (NM_001038995) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm4787
Synonyms:	Adam4b; EG214321
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC221325 representing NM_001038995
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCCCTTCTCAGACCACCTACCTGGACTTTGGCCCTCTGAGAGGTGCTCTCTGGCTCTCTGTGC
 TCTGGGCACTGTTGTCTCCTGCCTGCTGTTCCCGTAGCCACCCAAATGGCGCTTCTCTACCTCTGAAAT
 TGTTCATCCCAGGAAGGTTCCCCAGAGAATGGGCAAAAGTGATATGTCAGGGCACATCACCTATAGCATG
 CGCTTTAGGGGACAAAGACATGTGGTCCACATGAAACTCAAGAAAAACATGATTCCTCAAAATTTTCCTG
 TATATACCTCTAATGACCAAGGAGCCCAGCAGAAGGATTACCCATTTGTTCTCGGGATTGTTACTTCTA
 CAGCTACCTGGAAGGAGTCCCTGGGTCCCAAGCTACACTAGATACCTGCACTGGAGGTCTGAAAGGCATG
 ATACAGGTAGATGACTTCACTTATGAAATCAAACCATTGGCATCTTCTTCCAAATTTGAGCATGTAATTT
 CTCTGCTTGTGGTGGACGAAAGGTCACGTGAGTCAAAAAAGTGTAGAAATGATGAGATTATGGCAAAGT
 AGGTAACCTCCCTGAAGAGACTAAGCTCGCTGGAAGTCCAGAGCAGCCCTGTATATCTGTGGCGTTAC
 CATTGCAAAAATGTGGGAATACAATACACGGTACTCATGAATTATACACACAAATTTGGGAGCAATTCAA
 CTGCCTCAATTGAGTTAATATTGATTATGACCAGCATTTCACATAGCATTATAAAAAAAGTGGAATGTT
 TGTGTTCCGCGTGTGCGTGTATTTGGAATGACAAGGACCCTACTCAATTTCCCTCATTTTATAACAAT
 GTTTGGAGACTTATGGAATATTTGGCTATTGGAAGCTGGTTACTTTTGGCATAATGGAGCATGCCACTA
 CAGCTCTTCTCCTTGAAGAAAACCTTGGAAATACAGATTATGCAGGCTTTCAGGATGGAATATGTAACCC
 CAACTGGGAGTATTATACATATGTAGGAACAAACATTTTTTCTGGCTGGATCTTCTCGGCAT
 GCAGTGGGTACCTTCTGAATGTGAGGCATGATACCCGGTGTGTTTGTTCAGAAGGAGCAGTTGTC
 TCATGGATGAATTTCTACTCTTCAGGATATGATTAGCAATTTCCCATGATGTGCTACATATGAGGAT
 CCATGGTTGGGATCCTTGATGAGTGAAGTGGCAGAACACATAATATACAAAACGTTCCCTGTTGTGGA
 AATAAGATAGTGGAGGAGTGTGAGACTGTGACTGTGTTCTGTGAAAGACTGTACCACTGATAAGTGT
 GTGAAGTCGATTGTGAGTTACTCAGGGCAGCTTGTAAATAAGGAGGTTGCTGTCTATCTTGTAAAGT
 TGCACCCACTGGAACAATATGCAGAGACAAAAATGGTATTTGTGATCTTCCAGAGTACTGTAGTGGAGCC
 TCAGAGCATTGCCAGGAAATTTTACATCATGGACGGAACCTCTTGTCTCCACTGGCAGTCTGCATAG
 CAGGAACTGTACTGACCGTCAATTTGCAGTGTCAAGCTCTTTTGGATACCAAGTAAAGGATAGTTCACC
 AGCATGCTATCATGAATTAATGTCAAAGGTGACCGATTTGGAACCTGTGGCGTTAGAATCAAACGAGGA
 GGAAGCCAACTGTCCCATGTCAAAGGAGGATGTTTTTGTGGAATGCTCCACTGTGATGGTGTCAAGC
 GTATTGTTGGTGGAGGTGAGCACACTACCTTTATCACCTAAAGTTCAAGATGTTAAAGAAGTACAGTG
 CTTTGGGTATGATATACCCATGGATTAGACCTCCAGAAATAGGGCTTGTAAATGGATGGTGAACCTGT
 GGCCCTGGAAAATACTGTAAAAATCAAAGATGTGTTTTTTCATCAAACCTTTGAAATTTAATTGCAACATTA
 GTTCATGTAACCTCAGAGGGGTGTGAACAACAGGGCAACTGTCACTGTGTTCAAGGTTGGCAACCACC
 AAAATGTTTACAAAGAGGAAAAGGTGAGTGTAAACAGTGGCCCTATAACTAACCTCTGAAGAGATAT
 CGAGCCAAAATACATGTGAGTATCAACAAGCTATTAATATTTTAGGTGCTCGCATTTTTCTTATCGTGG
 CTTTGATTATTTTTGGTGCATTGCAAAAGCAGTATTACGTCCAGAAGTGCCCAACGACCCCAAGCAA
 CAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001038995
Insert Size: 2247 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:	<ol style="list-style-type: none">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:	<u>NM_001038995.2</u> , <u>NP_001034084.2</u>
RefSeq Size:	2511 bp
RefSeq ORF:	2247 bp
Locus ID:	214321
Cytogenetics:	12