

Product datasheet for RN202272

Ambn (NM_012900) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ambn (NM_012900) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ambn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202272 representing NM_012900 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCAGCATCTAAGATTCCACTTTTCAAATGAAGGCGCTGCTCCTGTCTCCTAGTAAAAATGA
GCCTCGCGTGGCGCATTTCTCAACAACCTGGGGCTCAAGGCATGGCACCTCCTGGCATGGCTAGTTT
GAGCCTTGAGACAATGAGACAGTTGGAAGCTTGCAAGGGCTCAACGCACCTTTCTCAGTATTCTAGACTT
GGCTTTGGAAAAGCACTTAATAGTTTATGGTTGCATGGACTCCTCCACCGCATAAATCTTTCCCATGGA
TAGGACCAAGGGAACATGAAACCAACAGTATGAATATTCTTTGCCTGTGCATCCCCACCTCTCCCATC
ACAGCCATCCTTGCAAGCTCACCAGCCAGGACTGAAACCTTCTCCAGCCACTGCTGCAACCGGTGTC
CAGGTCACACCCAGAGCCAGGCGCTCATCTCCAATGCACCCTGGACAGCTGCCCTTGCAAGGAGGAG
AGCTGATAGCACCAGATGAGCCACAGGTGGCGCCATCAGAGAACCACCAACACCCGAGGTACCAATAAT
GGATTTTGGCGATCCACAATCCCAACAGTGTTCAGATCGCCATTGCTGTCTCGGGACCAATGGCA
CACAACAAAGTACCCACTTTTTACCCAGGAATGTTTTACATGTCTTATGGAGCAAACCAATTGAATGCTC
CTGCCAGAATCGGCTTCATGAGTTCAGAAGAAATGCCTGGAGAAAGAGGAAGTCCCATGGCTACGGAAC
TCTGTTCCAGGATATGGAGGCTTCAGGCAACCTTAGGGGACTGAATCAGAATCACCCAAGGGAGGA
GACTTTACTGTGGAAGTAGATTCTCAGTGTCTGTAACAAAGGCGCTGAGAAAGGAGAGGGTCCAGAAG
GCTCTCCACTGCAAGAGGCCAGCCAGACAAGGGCGAAAACCCGGCTCTCCTTTACAGATGGCCCCCGG
GGCCATGCAGGACTTCTTGCTTTCCCAATGACCACATCCCAACATGGCAAGGGGTCCTGCAGGGCAA
AGACTCCTCGGAGTACCCCTGCAGCTGCAGACCCACTGATCACCCTGAATTAGCAGAAGTTTATGAAA
CCTATGGTGTGATGTTACCACACCTTGGGGGATGGAGAAGCAACCATGGATATCACCATGTCCCAGA
CACTCAGCAGCCACCGATGCCTGGAAACAAAGTGCACCAGCCCCAGGTGCACAATGCATGGCGTTTCCAA
GAGCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_012900
Insert Size:	1269 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_012900.1</u> , <u>NP_037032.1</u>
RefSeq Size:	1913 bp
RefSeq ORF:	1269 bp
Locus ID:	25376
UniProt ID:	<u>Q62840</u>
Cytogenetics:	14p22
Gene Summary:	may act as a structural component of tooth enamel matrix [RGD, Feb 2006]