

Product datasheet for **MC226873**

Eqtn (NM_001290623) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eqtn (NM_001290623) Mouse Untagged Clone
Tag: Tag Free
Symbol: Eqtn
Synonyms: 1700028B15Rik; 4930579C15Rik; Afaf; C81058; Eqtl; Eqts
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226873 representing NM_001290623
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATTTTATACTGTTGATCATTTTATCTGGGGTTTTCTCCAGACATTATCAGTCTACAGCCATTG
TGGGACAGGAGCCTGGTGTGACTTTTCAGATGAAGAACAGTATTATGCAGATGAAGAAAATAATACAGA
TGGGAATTCTGTTGCTTTACATAAATTGGAAGAGAATGAAATGGACTCCTGCCAATGAGAAAAGTGGC
AATTATTATAAGACATAAAACAATATGTGTTCCACACACAAACATAAAAGTTCTGAAGTATCTGTGA
CTGCCACAACCTGGAATTTGCTGTGAAGAAGAACTATAAGCCAGCAAACCACTGCCAGTGGAGA
AGAAGAAAACCTAGTGAATCCTCTCGTAAAACCTCAACCCCAATATACCTGCATTTTGGACAATATTA
TCTAAAGCTGTAATGAAACAGCAGTGAGCATGGATGATAAAGATCAATTTTTCAACCAATTCAGCCT
CAGATTTGAATGCTACCAATGAAGACAACTGTCAGAGCTCGAGGAAATCAAGCTGAAGTTAATGCTGGG
GATCTCGCTGATGACTGGTTCTGCTAATCCCCTCTTGATATTCTGCTTTGCCACACTGTACAACTG
AGACACCTACGTGACAAAAGTTATGAGAGTCAATACTCCATCAACCCAGAGCTGGCAACTCTATCTTACT
TCCATCCAACAGAAGGCTCCAATCAAACAGTCTTAACCGACGAGTCAAGTTCCTCCCTCCTGAGGAGAC
AAGATTCCTCCTCCTGAGGAGCCGGTAAGGAGCTCATCGTTGAGAGAGGCCCTATGCAGGCAATGAAT
GAGATTGATGCCAGCTGTTGTTGAACAAGGAAGGATCACCGAGTAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290623
Insert Size: 891 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290623.1</u> , <u>NP_001277552.1</u>
RefSeq Size:	1164 bp
RefSeq ORF:	891 bp
Locus ID:	67753
UniProt ID:	<u>Q9D9V2</u>
Cytogenetics:	4 C5
Gene Summary:	Acrosomal membrane-anchored protein involved in the process of fertilization and in acrosome biogenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses alternate in-frame splice sites in the 3' coding region, compared to variant 1. It encodes isoform 2, which lacks an internal segment and is shorter, compared to isoform 1.