

Product datasheet for **RN208056**

Fetub (NM_053348) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fetub (NM_053348) Rat Untagged Clone
Tag: Tag Free
Symbol: Fetub
Synonyms: Fet; IRL685; Pp63
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208056 representing NM_053348
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGTGTGCTACGGCTTCTGGTCTGTCACCCTGGCTGCATGCTGTGTGGCCCGCTCTCCCCAGCTC
CACCCCTGCCAAACGCCCTTCGCACCTCTGCGTCCCCTGGGCTGTAACTGCTGAAGTCTGGCAGT
TGCAGGTTTTGCCCTGCAGAACATCAACAGAGTCCAAAAGGATGGCTACATGTTGACCCTCAACAGAGTA
CAGGATGCTCGGGTTACCGTCAGGAAGACATGGGCTCTCTGTTCTACCTCATGCTGGACGCTTAGAGA
CTGGCTGCCACGTGCTCAGCAGGAAGGCACTGAAGGACTGCGGACCGAGGATTTCTATGAGACTGTTCA
TGGACAGTGCAAAGCTATGTTTCACGTTAAACAAGCCAAGAAGAGTTCTCTACTTACCTGCTTATAACTGT
ACACTTCGCCCAGTTTCTAAAAGGAAGATTCATTTCTATGTGCCCTGACTGCCCGCATCCCCTTGACTTGT
CAGCCCCCAGTGTCTGGAAGCTGCCACAGAATCACTTGCGAAGTTTAAACAGCGAGAACCCTCAAACA
ATATGCACTCGTCAAAGTCACCAAGGCTACGACCCAGTGGTGGTGGTCTTCTACTTTGTGGAATAT
TTGATCAAAGAGTCACCATGTACCCAGTCTCAGGACAGCTGTTCACTCCAGGCCTCCGACTGAGCCCCG
TTGGTCTTTGCCAAGTTCAGTATTAAGTCCCGGGTCCCTCCTCAACGCTTTAAAAAGACTGTCAC
TGTGTCGTGCGAGTTTTTCGAATCTCAGGACCAGTCCCTGGAGGTGAGAACCCTGCTGATACCCAAGAT
GCTAAGAACTCCCTCAGAAAAACAGCCCTACCAGCTCACCTCCATAACTGCACCAAGAGGATCTA
TCCAACACCTCCCTGAGCAGGAGGAGCCTGAAGACTCCAAGGAAAGAGTCTGAGGAACCTTTCTGT
GCAGCTGGATCTAACCACAAACCACAGGGTGACACACTGGATGTCTCCTTCTACCTGGAGCCTGAG
GAAAAGAACTGGTGGTCTGCCTTTCCCTGGGAAGAACAGCGCTCCCTGAGTGCCCGGGGCCCGAA
AGCAAAGAACCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_053348
Insert Size:	1137 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_053348.2</u> , <u>NP_445800.2</u>
RefSeq Size:	1423 bp
RefSeq ORF:	1137 bp
Locus ID:	83928
UniProt ID:	<u>Q9QX79</u>
Cytogenetics:	11q23
Gene Summary:	<p>inhibits insulin receptor tyrosine kinase activity, protease inhibitory activities; developmentally regulates calcium metabolism and osteogenesis [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) contains a different 5' structure, resulting in the use of a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>