

Product datasheet for **RR215876**

Fau (NM_001160232) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fau (NM_001160232) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Fau
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RR215876 representing NM_001160232
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGCTCTTTGTCCGCGCCAGGAACACACCCCTCGAGGTGACCGGCCAGGAGACGGTCGCCCAGA
 TCAAAGCTCATGTGGCCTCACTGGAAGGCATTGCCCCGAAGATCAAGTCGTGCTTCTGGCAGGCTCGCC
 GCTGGAGGATGAGGCCACCCTAGGCCAGTGTGGTGTAGAGGCCCTGACCACTCTGGAGGTAGCTGGCCGC
 ATGCTGGGAGGTAAAGTTCATGGTCTCTGGCTCGTGTGGGAAAGTGAGAGGTCAGACTCCCAAGGTGG
 CCAAACAGGAAAAGAAGAAGAAGACTGGTCGGGCCAAGAGGCGAATGCAGTACAACCGACGCTTTGT
 CAATGTTGTGCCACCTTTGGCAAGAAGAAGGGCCCCAATGCTAATTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215876 representing NM_001160232
 Red=Cloning site Green=Tags(s)

MLFVRAQELHTLEVTGQETVAQIKAHVASLEGIAPEDQVLLAGSPLEDEATLGQCGVEALTTLEVAGR
 MLGGKVHGSRLARAGKVRGQTPKVAQEKKKKTGRAKRRMQYNRRFVNVVPTFGKKKGPNANS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_001160232

ORF Size: 399 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

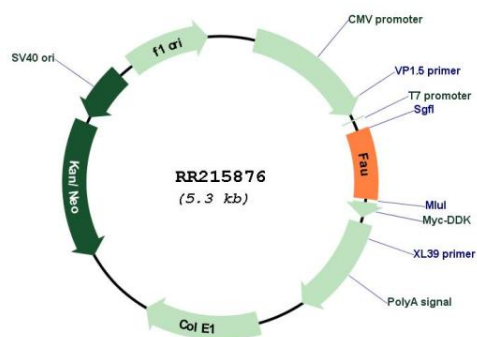
RefSeq: [NM_001160232.1](#), [NP_001153704.1](#)

RefSeq Size: 547 bp

RefSeq ORF: 402 bp

Locus ID: 29752
Cytogenetics: 1q43
MW: 14.4 kDa
Gene Summary: hybrid protein; encodes a ubiquitin-like protein and ribosomal S30 protein [RGD, Feb 2006]

Product images:



Circular map for RR215876