

Product datasheet for RN213071

Fech (NM_001108434) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fech (NM_001108434) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Fech
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN213071 representing NM_001108434
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTTCGGCCGGCCCAACATGGCTGCGGCCCTGCGGGCTGCGGGCGCTCTGTTCCGCGAGCCGCTGG
 TGTATGGCAGCTCGAGGGCCTGTCAGCCATGGAGGTGCCAATCGGGTCCAGCAGTGGTGCCACTACGGA
 GAAAGCGCATCATGCCAAAACCACAAAACCACAAGCTCAACCAGAAAGGAGGAAGCCAAAACGGGCATA
 TTAATGTTAAACATGGGAGGCCCGAAAACCTTGGAGAAGTTCAGACTTCCTTCAGAGGCTCTTCCTGG
 ACCGAGACCTCATGACCCTTCCATTCAAATAAGCTGGCACCATTTCATCGCCAAACGCCGAACCCCAA
 AATTCAAGAGCAGTATCGCAGAATCGGAGGTGGATCCCCATCAAGATGTGGACTTCCAAGCAAGGAGAA
 GGCATGGTGAAGCTGCTGGATGAGCTGTCCCCTGACACAGCACCTCACAAATACTATATTGGATTCCGGT
 ACGTCCATCCCTTGACAGAAGAGGCAATTGAAGAGATGGAGAGAGATGGACTAGAAAGGGCCATTGCTTT
 CACACAGTATCCACAGTACAGCTGCTCCACCACAGGCAGCAGCTTAAATGCCATTTACAGATACTATAAC
 GAGGTGGGGCGGAAGCCACCATGAAGTGGAGCACTATCGACAGGTGGCCACGCACCCCTCCTCATCC
 AGTGCTTTGCAGACCACATTCTGAAAGAGCTGGACCATTTCCAGAGGAGAAGAGAAGTGAGGTGGTCAT
 TCTGTTTTCTGCCCACTCCCTGCCGATGTCTGTTGTCAACAGAGGGGACCCCTATCCCAAGAGGTAGGA
 GCCACTGTCCACAGATCATGGAGCAGCTGGGTTATCCGAACCCCTACCGACTGGTCTGGCAGTCCAAGG
 TTGGTCCAGTACCCTGGTTGGGCCCTCAAACAGATGAGGCTATCAAAGGGCTTTGTGAGCGGGGGAGGAA
 GAATATCCTCTTGGTTCCAATAGCATTTACCAGTGATCACATTGAGACCCCTTATGAACTGGACATTGAA
 TACTCTCAAGTGTAGCTCAGAAGTGTGGAGCTGAAAACATCAGAAGAGCAGAGTCTCTTAATGAAATC
 CATTGTTCTCAAAGGCCCTTGTGACCTGGTGCCTCCACATCCAGTCAAACAAGCTGTGCTCCACGCA
 GTTGAGTCTGAGCTGTCCGCTCTGTGTAATCCTGTCTGCAGGAAGACTAAATCCTTCTTACCAGCCAA
 CAGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001108434
Insert Size:	1269 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_001108434.1, NP_001101904.1</u>
RefSeq Size:	2964 bp
RefSeq ORF:	1269 bp
Locus ID:	361338
Cytogenetics:	18q12.1