

Product datasheet for **RN214154**

Fth1 (NM_012848) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fth1 (NM_012848) Rat Untagged Clone
Tag: Tag Free
Symbol: Fth1
Synonyms: Fth
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214154 representing NM_012848
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCACCGCTCTCCCTCGCAAGTGCGCCAGAACTACCACCAGGACTCGGAGGCTGCCATCAACCGCC
 AGATCAACCTGGAGTTGTATGCCTCCTACGTCTATCTGTCCATGTCTTGTATTTTGACCGGGATGATGT
 GGCCTGAAGAACTTTGCCAAATACTTTCTCCATCAATCTCATGAAGAGAGGGAACATGCTGAGAACTG
 ATGAAGCTGCAGAACCAGCGAGGTGGACGAATCTTCTGCAGGATATAAAGAAACCTGACCGTGATGACT
 GGGAGAGCGGGCTGAATGCAATGGAGTGTGCACTGCACCTTGAAAAGAGTGTGAATCAGTCACTACTGGA
 ACTTCACAACTGGCTACTGACAAGATGATCCCCACTTATGTGACTTCATTGAGACGCATTACCTGAAT
 GAGCAGGTGAAATCCATTAAGAAGTGGGTGACCACGTGACCAACTTACGCAAGATGGGAGCCCCTGAAT
 CTGGCATGGCAGAATATCTCTTTGACAAGCACACCCTGGGACACGGTGATGAGAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012848
Insert Size: 549 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).



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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_012848.2</u> , <u>NP_036980.1</u>
RefSeq Size:	828 bp
RefSeq ORF:	549 bp
Locus ID:	25319
UniProt ID:	<u>P19132</u>
Cytogenetics:	1q43
Gene Summary:	overexpressed during hepatic tumor development; used as an early marker for hepatocellular carcinoma [RGD, Feb 2006]