

Product datasheet for **RN210474**

Ech1 (NM_022594) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ech1 (NM_022594) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ech1
 Synonyms: Pxel
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN210474 representing NM_022594
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTACCGGATGACAGTTTCCAGCAAACCTCTCGGCCTGCTGATGCAGCAGCTGAGAGGTACCCGCC
 AGCTGTACTTCAACGTCAGCCTTCGATCTCTGAGCTCCTGCACAAGAGGCGTCCAAAAGAATCCCTGA
 GGAAGTCTCAGACCACAACCTACGAGTCTATTCAAGTAACATCTGCCCAGAAGCATGTTCTGCATGTACAA
 CTAACCCGGCCGGAGAAGAGGAATGCCATGAACAGGGCTTCTGGAGGGAGTTGGTGAATGCTTCCAAA
 AGATATCTAAAGACTCCGACTGTCGGGCTGTTGTGGTCTCTGGTGCAGGAAAGATGTTCACTTCAGGTAT
 TGACCTCATGGACATGGCATCAGACATCCTGCAGCCCCAGGAGACGATGTGGCCCGCATAGCCTGGTAC
 CTCCGAGACCTCATCAGCCGATACCAAAAAGACTTTCACCTGTCATTGAGAAGTGCCCAAGCCGGTATCA
 CCGCAATTCACGGAGGCTGCATTGGTGGAGGCGTGGATCTTATTTCTGCCTGTGACATTCGCTACTGCAC
 TCAGGATGCTTTCTTCCAAGTCAAGGAGGTGGATGTGGGCTGGCTGCTGATGTAGGAACGCTGCAGCGA
 CTGCCAAGGTCATTGGGAACCGGAGCCTGGTCAACGAGCTGACCTTACCAGCCGCAAGATGATGGCTG
 ACGAGGCCCTGGACAGTGGGCTGGTCAACGAGCTGACCTTACCAGCCGCAAGATGATGGCTG
 TGCCCTGGCGCCGATATTTCCAGCAAGAGTCTGTGGCTGTGCAGGGGTCAAAAATCAATTTAATCTAC
 TCCCGAGACCATCTGTGGACGAGAGCCTTGACTATATGGCCACTTGGAACATGAGCATGCTGCAGACCC
 AGGACATCATCAAGTCAGTCCAGGCAGCCATGGAGAAGAAGGACTCAAAAAGCATCACCTTCTCCAAGCT
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_022594
Insert Size:	984 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:	NM_022594.1 , NP_072116.1
RefSeq Size:	1097 bp
RefSeq ORF:	984 bp
Locus ID:	64526
UniProt ID:	Q62651
Cytogenetics:	1q21
Gene Summary:	isomerase enzyme that may be involved with the ability of peroxisomes to oxidize long-chain fatty acids [RGD, Feb 2006]