

Product datasheet for **RN208983**

Ehhadh (NM_133606) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ehhadh (NM_133606) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ehhadh
Synonyms:	Lbp; MEF; Mfe; Mfe1; Pbe; Pbfe; pe-CoA; perMFE-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208983 representing NM_133606
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGTATCTGAGGCTGCCCACTCCCTGGCGATGATCCGCCTCTGCAACCCGCCAGTCAACGCCG
 TCAGTCCAAGTGTAAATCAGGGAAGTAAGAAATGGACTCCAGAAAGCTGGATCAGACCACACGGTTAAAGC
 CATTGTGATCTGTGGCGAAACGAAAATTCTGTGCAGGTGCTGATATCCATGGCTTTAGTGCTTTTACC
 CCTGGCCTTGATTAGGAAGCTTGGTAGATGAAATACAGAGATACCAGAAGCCGGTGTGGCCGCTATCC
 AAGGTGTGGCTCTCGGAGGAGGACTGGAGCTGGCCTTGGGCTGTACTATCGGATTGCCAATGCAAAGGC
 TCGTGTGGCTTCCAGAAAGTCACTGGGATTCTTCTGGTGAAGAGGAACCCAGCTTCTCCCAAGG
 GTCGTTGGAGTTCCTGTTGCTCTTGACCTAATTACCTCAGGAAAATATCTTTCAGCAGATGAAGCACTCA
 GGCTTGGAAATTCGGATGCAGTCGTGAAGTCAGACCCAGTTGAAGAAGCCATCAAATTTGCTCAGAAGAT
 TATAGATAAACCCATAGAACCCCGAGGATCTTTAACAAGCCAGTTCCAAGCTTGCCCAACATGGACAGT
 GTTTTTGCAGAAGCCATCGCAAGGTACGAAAACAGTACCCTGGTGTCTGGCTCCGGAGACGTGTGTCC
 GCTCAATCCAGGCCTCTGTGAAGCATCCCTACGAAGTAGGCATCAAGGAAGAGGAAAAGCTGTTTATGTA
 CCTCCGGGCATCCGGGCAGGCTAAAGCCCTACAGTATGCCTTCTTTGCTGAAAAGTCTGCAAATAAGTGG
 TCAACTCCCTCAGGAGCGTCTTGAAAACAGCCTCTGCTCAACCCGCTCCTCAGTTGGCGTTCTTGGCT
 TGGGAACGATGGGCCGAGGCATCGCCATTTCTTTTGCAGAGTGGGGATCTCTGTGGTGTGTGGAGTC
 AGACCCAAAGCAGCTAGATGTGCAAAGAAGATAATCACTTTACCTTGGAGAAGGAAGCATCCAGAGCG
 CATCAGAACCGCCAAGCTTCGGCAAAACAAAACCTCAGGTTCTCCTCATCCAAAAGAACTTTCAACTG
 TGGATTTGGTGGTTGAAGCAGTGTTCGAAGACATGAACCTGAAGAAAAAGGTCTTTGCTGAGCTGCAGC
 CCTGTGCAAGCCAGGAGCCTTTCTGTGCACCAATACCTCGGCCTGAACGTGGACGACATTGCTTCTTCC
 ACAGATCGCCCTCAGCTGGTATTGGCACCCACTTCTTCTCACCAGCCCATGTCATGAGGTTGCTAGAGG
 TCATTCTAGCCGATACTTCCCTACTACCATCGCCACGGTTATGAGCTTGTCAAAAAGATCGGAAA
 GATTGGAGTAGTGGTTGGCAACTGCTATGGATTTGTTGGGAATCGGATGTTGGCTCCCTATTACAACCG
 GGGTTTTCTTGTAGAGGAAGGTAGCAAGCCAGAGGATGTAGACGGGTCTTGGAAAGATTTGGTTTTA
 AAATGGGACCCTCAGAGTGTGAGCCTCGCAGGGCTAGATGTGGTTGGAAAATTCGAAGGGGCAAGG
 CCTTACTGGACCATCATTGCCACCAGGGACCCCGTCCGAAAGAGGGCAACAGCAGGTAATCCCACTT
 GCGGATATGCTCTGTGAAGCTGGCGGTTTGGTCAAGAAGACAGGTAAGGCTGGTATCAGTATGACAAGC
 CACTGGGTGCGATCCACAACCTGATCCCTGGCTTCTACGTTCCCTGTCACAATATAGAGAGGTTACCA
 CATCGAGCAGCGCACCATCAGCAAGGAGGAGATCCTGGAGCGTTGCTTATATCCCTCATCAATGAGGCG
 TTCCGCATCTTGGAGGAGGGGATGGCTGCTCGCCAGAGCACATTGATGTCATCTACTTGACCGGTACG
 GGTGGCAAGGCACAAGGGCGGGCCATGTTCTATGCTGCCTCAGTTGGGTTGCCACAGTTCTAGAGAA
 ACTGCAGAAATATTACAGGCAGAACCTGACATCCCCAGCTGGAGCCAGTGACTACCTCAGAAGGCTG
 GTAGCCCAGGGAAGCCCTCCTCTGAAGGAATGGCAAAGCTTGGCAGGGCCCCACGGCAGCAAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133606
Insert Size: 2169 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_133606.1</u> , <u>NP_598290.1</u>
RefSeq Size:	3097 bp
RefSeq ORF:	2169 bp
Locus ID:	171142
UniProt ID:	<u>P07896</u>
Cytogenetics:	11q23
Gene Summary:	enzyme involved in the B-oxidation cycle of peroxisomes [RGD, Feb 2006]