

Product datasheet for MC205429

Fahd1 (NM_023480) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fahd1 (NM_023480) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fahd1
Synonyms:	1110025H10Rik; AV002085
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC026949 CAAGTGGGTGTAGAGGAGCTGAGCGTGAGCCTCCTCGTCTCTCTGCGGAGTCGCTGCACGCAGAGAC CTTTCGCTGACCTCAGCGTCCCGCTGCTGCGCAAGGAAGGGCGGGCCGCTCCGGCCTGGACAGCGTCCT AAGCCAGTCCTCTGGAGGCCGCGTAGTCCGGGGAGTCGGTGGTCACATGACCCAAAGCTGTACTATGG CTTCCACCAAACCGCTGTCTCGTTTCTGGGAGTGGGGCAAGAATATCGTCTGCGTGGGGAGGAACATATGC AGATCACGTCAAAGAGATGCGCAGCACCCTGCTGAGTGAGCCTGTGCTTTTCTGAAGCCGTCCACCGCG TATGCTCCCGAGGGCTCACCGGTGTTAATGCCCGCTTACTGCCGCAACCTCCACCACGAGGTGGAGTTGG GAGTGCTTCTGGGCAAGCGTGGTGAAGCGATCCCGGAGGCTGCAGCCATGGACTACGTGGCCGGCTATGC CCTGTGCCTGGACATGACTGCCAGAGATGTGCAGGAGGAGTGCAAGAAGAAGGGGCTGCCGTGGACCCTG GCTAAGAGCTTTACGTCTCTGCCCGGTCACTGCCTTCGTGCCCAAGGAGAAGATTCTGACCCTCATG CCCTAAGACTGTGGCTCAAGGTCAACGGAGAGCTCAGGCAGGAGGGCAAAACATCATCTATGATCTTTTC CATCCCTACATCATCAGCTATGTTTCTAAGATAATAACCTTGGAAGAAGGAGATCTTATCTTGACCGGG ACTCCAAAGGGAGTTGGGCCAGTTAAAGAAAACGATGAGATCGAGGCCGGCATAGATGGGGTGGTTAGTA TGAGGTTCAAGGTGAAAAGATCAGAATACTGAGAGTAGAGTGCCAAAGGGGAAGGGAGACAGAAGCAAGG GAAATAAATGACACTAATAATGAAAATCTAAAAATTATGCTAGACATGTCAAAAAAGATGAATCCTTAA AAATAACGTGATCTAAAAGAGCTGGGACAGAAATAGAAACAGGAACAACGAAGCTAAAGGATATAGAATG CTTCCCAAGAGGGCAATGTTAACTAACTTTGAGAAAGTTGTAGTTTTCTTTCTAAAACCTGAACGAAT AGACTTTTCAATAAATCATTCTGAAGTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_023480
Insert Size:	684 bp


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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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC026949</u> , <u>AAH26949</u>
RefSeq Size:	1181 bp
RefSeq ORF:	684 bp
Locus ID:	68636
UniProt ID:	<u>Q8R0F8</u>
Cytogenetics:	17 A3.3
Gene Summary:	Probable mitochondrial acylpyruvase which is able to hydrolyze acetylpyruvate and fumarylpyruvate in vitro (By similarity). Also has oxaloacetate decarboxylase activity (PubMed:25575590).[UniProtKB/Swiss-Prot Function]