

Product datasheet for **SC111369**

ASPHD2 (NM_020437) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASPHD2 (NM_020437) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASPHD2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020437, the custom clone sequence may differ by one or more nucleotides

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ATGGTGTGGGCGCCCTTGGGACCCCGAGGACTGATTGTCTGACCTTGCTTCACACGCCAGTAAGGACT
CCCCAAGATGTCGCTCGAGTGGCTGGTGGCCTGGAGCTGGTCGCTGGATGGCCTGAGGGACTGCATCGC
CACCGCATCCAGTCCGTGCGGGACTGCGACACCACCGCTGTCATCACTGTGGCCTGCCTCCTGGTCCTC
TTCGTGTGGTACTGTTATCACGTGGGCAGGGAGCAGCCCCGGCCCTACGTCTCCGTCAACTCCCTCATGC
AGGCTGCCGATGCCAACGGGCTGCAGAAATGGCTACGTGTACTGCCAGTCCCCTGAGTGCCTGCGCTGCAC
CCACAACGAGGGCCTCAACCAGAAGCTGTACCACAACCTGCAGGAGTACGCCAAGCGCTACTCCTGGTCC
GGCATGGGCCGCATCCACAAGGGCATCCGCGAGCAGGGCCGGTACCTAACAGCCGGCCCTCCATCCAGA
AGCCCCAGGTCTTCTTCCGTGCCGACCTGCCACACGCCCTATTTCTCCCGGGACGCACAGAAACATGA
TGTGGAAGTGCTGGAACGGAACCTCCAGACCATCCTGTGTGAGTTTGAGACCCTCTACAAAGCTTTCTCA
AACTGCAGCCTCCCGCAAGGATGAAAAATGAACAGCACCCCGAGCGGGGAGTGGTTCACCTTTTACTTGG
TCAATCAGGGGTTTGTGTTCCAGGAAGTGTAGGAAGTGCCACGGACGTACCGCTTGCTCGGAAGCCT
TCGGACCTGTATTGGGAACAATGTTTTGGGAACGCGTGCATCTGTGCTGAGCCCTGGGACTGTGATA
ACGGAGCACTATGGACCCACCAACATCCGCATCCGATGCCATTTAGGTCTGAAAACCTCCAAATGGCTGTG
AGCTGGTGGTGGGGGAGAGCCCCAGTGTGGCAGAAGGGCGCTGCCTTCTTTGATGACTCTTTCTCCT
GCATGCTGCGTTCATGAAGTTTCCAGAGGATGGCCACGGGTGGTTTTTCATGGTGGATTTGTGGCAT
CCAAACGTCGCAGCGGCCGAACGGCAGGCTCTTGATTTTCATCTTTGCTCCGGGACGATGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020437 unedited CAGATTTTGTAAATACGACTTCACTATAGGGCGGCCGGAATTCGCACCAGGCGGGCTTA AGCTCGGGCTCGGGCTCCGGCTCGGGCTCCCGCGGCGTGGGCTGGGCAGCAGCCGGGCGG CGGCTCCGCGGGCCGGGAGGGGCCGTCCGCGGGTCCGCGCCCTCGGGCGGGCGGCTCT CCTGGGTCCCGGCAGCCGTCCGCGCGCCGGGCGCAGGTTTGGTTTTCTAAACAATCC TTTCACAGGGACCGACGGCACTTGATAATGTGACAAAAACCAGCCTCTTCCACCCCACTG CAGTGACTTTTGGCCGAAAGTGGAGCAGTGGGCACGGCCAACCTTGTCGTTTCATCAATGC CGCCCCTGGCAGTATCTGAGGATCGGTGGCAGCCATGCCTCCCCCTGCCAGCCGCTCC TTCCCCCCACGCTAATCTGCATGGTGTGGGCGCCCTTGGGACCCCGAGGACTGATTGT CTGACCTTGCTTACACGCCCAAGTAAGGACTCCCCAAGATGTCGCTCGAGTGGTGGT GCCTGGAGCTGGTCGCTGGATGGCTGAGGGACTGCATCGCCACCGGCATCCAGTCCGTG CGGGACTGCGACACCACCGCTGTCATCACTGTGGCCTGCCTCCTGGTCTTTCGTGTGG TACTGTTATCACGTGGGCAGGGAGCAGCCCGGCCCTACGTCTCCGTCACCTCCCTCATG CANGCTGCCGATGCCAACGGGCTGCAGAATGGCTACGTGTACTGCCAGTCCCCTGAGTGC GTGCGCTGCACCCACAACGAGGGCTCAACCAGAAGCTGTACCACAACCTGCAGGAGTAC GCCAAGCGCTACTCCTGGTCCGATGGGCCGCATCCACAAGGCATNCGCGAGCAGGGCC GGTACTAACAGCGGNCCTCATNCAGAGACCGAGTCTTTTNTCTGCCCGACTGGNCCACA GCCCTAATTTTCCGNACGCCAAAC
Restriction Sites:	ECORI-NOT
ACCN:	NM_020437
Insert Size:	2100 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_020437.3</u> , <u>NP_065170.1</u>
RefSeq Size:	3313 bp
RefSeq ORF:	1032 bp
Locus ID:	57168
UniProt ID:	<u>Q6ICH7</u>
Cytogenetics:	22q12.1
Domains:	Asp_Arg_Hydrox

Gene Summary: May function as 2-oxoglutarate-dependent dioxygenase.[UniProtKB/Swiss-Prot Function]