

Product datasheet for **SC323965**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_020437.3
 GGCTCGGGCTCCGGCTCCGGCTCCCGCGCGTGGGCTGGGCAGCAGCCGGGCGGCGGCTC
 CGCGGGCCGGGAGGGGCGGTCCGCGGGTCCGCGCCCTCGGGCGGCGGCGTCTCCTGGG
 TCCCGGCAGCCGTCCGCGCGCCCGGGCGCAGGTTTGGTTTTCTAAACAAATCCTTTAC
 AGGGACCGACGGCACTTGATAATGTGACAAAAACCAGCCTCTCCACCCCACTGCAGTGA
 CTTTTGCCGAAAAGTGGAGCAGTGGGCACGGCCAACTTGTGTTTCATCAATGCCGCC
 TGGCAGTATCTGAGGATCGGTGGCAGCCATGCCCTCCCCCTGCCAGCCGCTCCTCCCC
 CCCACGCTAATCTGCATGGTGTGGGCGCCCTGGGACCCCGAGGACTGATTGTCTGACC
 TTGCTTACACGCCAGTAAGGACTCCCCAAGATGTCGCTCGAGTGGCTGGTGGCTGG
 AGCTGGTTCGATGGCTGAGGGACTGCATCGCCACCGGCATCCAGTCCGTGCGGGAC
 TGCGACACCACCGCTGTCACTGTGGCTGCCTCCTGGTCTCTTCGTGTGGTACTGT
 TATCACGTGGGCAGGGAGCAGCCCCGGCCCTACGTCTCCGTCAACTCCCTCATGCAGGCT
 GCCGATGCCAACGGGCTGCAGAATGGCTACGTGTACTGCCAGTCCCCTGAGTGGTGGC
 TGCACCCACAACGAGGGCTCAACCAGAAGCTGTACCACAACCTGCAGGAGTACGCCAAG
 CGCTACTCCTGGTCCGGCATGGGCGCATCCACAAGGCATCCGCGAGCAGGGCCGGTAC
 CTAACAGCCGGCCCTCCATCCAGAAGCCGAGGTCTTCTTCTGCCCGACTGCCACC
 ACGCCCTATTTCTCCCGGACGCACAGAAACATGATGTGGAAGTCTGGAACGGAATTC
 CAGACCATCCTGTGTGAGTTTGGAGCCCTTACAAAGCTTTCTCAAAGTGCAGCCTCCCG
 CAAGGATGGAAAATGAACAGCACCCCGAGGGGAGTGGTTTACCTTTTACTTGGTCAAT
 CAGGGGGTTTGTGTTCCAGGAAGTGTAGGAAGTGGCCACGGACGTACCGCTTGCCTGGA
 AGCCTTCGGACCTGTATTGGGAACAATGTTTTGGGAACGCGTGCATCTCTGTGCTGAGC
 CCTGGGACTGTGATAACGGAGCACTATGGACCCACCAACATCCGCATCCGATGCCATTTA
 GGTCTGAAAACCTCAAATGGCTGTGAGCTGGTGGTGGGGGAGAGCCCCAGTGGTGGGCA
 GAAGGGCGCTGCCTTCTCTTTGATGACTTTTCTGTCATGCTGCGTTCCATGAAGGTTCA
 GCAGAGGATGGCCACGGGTGGTTTTTCATGGTGGATTTGTGGCATCCAAACGTCGACGG
 GCCGAACGGCAGGCTCTTGATTTTCATCTTTGCTCCGGGACGATGAGAGTATTTCCATGC
 TGGAGTCCGGCAGAAAGGGCCGAGGCGGGGCTGGGCAGACTGTGGTCCGGTCCAGTCCCT
 ACCGGTGTGTTTCCATGCTCAGAAACCTGCCTCAGCGGAAAGCTCTTATTTGGGATTTT
 ATATCATGTCGGTCCCTCTTCCCTTGGTTATTGTAATGGAACTTTTCCGCTGTAT
 TTCCTTAGATTTTTTTTTTTTCCCTTCCAATCATTTGCTTCAGAGACTCCTTCTGGCCTA
 ACAGCGCATTCTTTGATTGGTCTTGTGAGTACCAGAGACTTAGTGCCCTGTAAGTCTG
 TCTTCTGTGCTACTTGTTTTTTTCAGTCTCTGAAATAGAGTAACTAAATGGTTATTTG
 TCTGAATAATAATGTAATAACTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_020437

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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.

RefSeq: [NM_020437.3](#), [NP_065170.1](#)

RefSeq Size: 3313 bp

RefSeq ORF: 1032 bp

Locus ID: 57168

UniProt ID: [Q6ICH7](#)

Cytogenetics: 22q12.1

Domains: Asp_Arg_Hydrox

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