

# Recombinant Human ASPHD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ASPHD1-6494H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ASPHD1 MS Standard C13 and N15-labeled recombinant protein (NP_859069) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | ASPHD1 (Aspartate Beta-Hydroxylase Domain Containing 1) is a Protein Coding gene. Diseases associated with ASPHD1 include Schizophrenia 3 and Central Nervous System Germ Cell Tumor. Gene Ontology (GO) annotations related to this gene include dioxygenase activity. An important paralog of this gene is ASPHD2.                                                                                                                                                               |
| <b>Molecular Mass</b>   | 41.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | <p>MKEGRGSFSVERGPRKERETAQSGMWKGNPAGSQGAAMEGTGGELGGQGNW<br/> GPEDAPGLLARASLIMLPWPLPLASSALTLLFGALTSFLWYCYRLGSQDMQALGAG<br/> SRAGGVRGGPVGCSEAGGPPSPGGPGDPGEGPRTEGLVSRRLRAYARRYSWAGM<br/> GRVRRAAQGGPGPGRGPGVLGIQRPGLLFLPDLPAPFVPRDAQRHDVELLESSFP<br/> AILRDFGAVSWDFSGTTPPPRGWSPPLAPGCYQLLLYQAGRCQPSNCRRCPGAYR<br/> ALRGLRSFMSANTFGNAGFSVLLPGARLEGRGPTNARVRCHLGLKIPPGCELVVG<br/> GEPQCWAEGHCLLVDDSLHTVAHNGSPEDGPRVVFIVDLWHPNVAGAERQALDF<br/> VFAPDPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                        |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

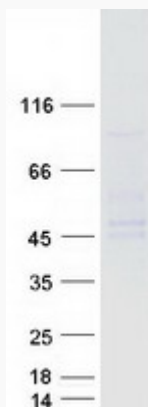
|                        |                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ASPHD1 aspartate beta-hydroxylase domain containing 1 [ Homo sapiens (human) ]                                 |
| <b>Official Symbol</b> | ASPHD1                                                                                                         |
| <b>Synonyms</b>        | ASPHD1; aspartate beta-hydroxylase domain containing 1; aspartate beta-hydroxylase domain-containing protein 1 |
| <b>Gene ID</b>         | 253982                                                                                                         |
| <b>mRNA Refseq</b>     | NM_181718                                                                                                      |
| <b>Protein Refseq</b>  | NP_859069                                                                                                      |
| <b>UniProt ID</b>      | Q5U4P2                                                                                                         |

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## SDS-PAGE



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