# Recombinant Human AASDH protein, His-tagged

**Cat. No.** AASDH-6744H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human AASDH protein(484-830 aa), fused with N-terminal His tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 484-830 aa |
| **Tag** | N-His |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| **Purity** | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| **Reconstitution** | Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

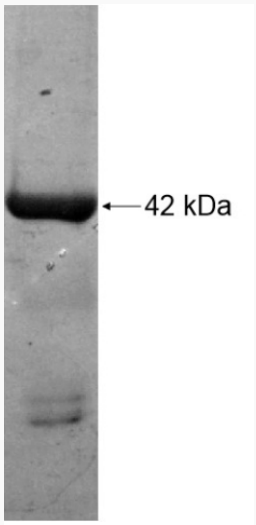
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| **AA Sequence** | LFMVSKDASVKEYIFKELQKYLPSHAVPDELVLIDSLPFTSHGKIDVSELNKIYLNYINL KSENKLSGKEDLWEKLQYLWKSTLNLPEDLLRVPDESLFLNSGGDSLKSIRLLSEIEK LVGTSVPGLLEIILSSSILEIYNHILQTVVPDEDVTFRKSCATKRKLSDINQEEASGTSL HQKAIMTFTCHNEINAFVVLSRGSQILSLNSTRFLTKLGHCSSACPSDSVSQTNIQNL KGLNSPVLIGKSKDPSCVAKVSEEGKPVIGTQKMELHVRWRSDTGKCVDASPLVVIP TFDKSSTTVYIGSHSHRMKAVDFYSGKVKWEQILGDRIESSACVSKCGNFIVVG |

## GENE INFORMATION

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| **Gene Name** | AASDH aminoadipate-semialdehyde dehydrogenase [ Homo sapiens ] |
| **Official Symbol** | AASDH |
| **Synonyms** | AASDH; aminoadipate-semialdehyde dehydrogenase; acyl-CoA synthetase family member 4; ACSF4; acyl CoA synthetase family member 4; LYS2; NRPS998; non-ribosomal peptide synthetase 998; non-ribosomal peptide synthetase 1098; 2-aminoadipic 6-semialdehyde dehydrogenase; NRPS1098; |
| **Gene ID** | 132949 |
| **mRNA Refseq** | NM_181806 |
| **Protein Refseq** | NP_861522 |
| **MIM** | 614365 |
| **UniProt ID** | Q4L235 |

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| **SDS-PAGE** |   |

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