

Recombinant Human AASDH protein, His-tagged

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

SPECIFICATION

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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

LFMVSKDASVKEYIFKELQKYLP SHAVPDELVLIDSLPFTSHGKIDVSELNKIYLNINL
 KSENKLSGKEDLWEKLQYLWKSTLNLPEDLLRVPDESFLNSGGDSLKSIRLLSEIEK
 LVGTSVPGLLEIILSSSILEIYNHILQTVVPDEDVTFRKSCATKRKLS DINQEEASGTSL
 HQKAIMTFTCHNEINAFVVL SRGSQILSLNSTRFLT KLGHCSSACPSDSVSQTNIQNL
 KGLNSPVLIGKSKDPSCVAKVSEEGKPVIGTQKMELHVRWRS DTGKCVDASPLVVIP
 TFDKSSTTVYIGSHSHRMKA VDFYSGKVKWEQILGDRIESSACVSKCGNFIVVG

GENE INFORMATION

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](#)

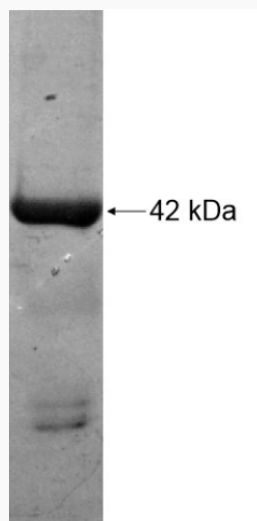
MIM [614365](#)

UniProt ID [Q4L235](#)

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SDS-PAGE

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