



# Recombinant Human L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (AASDHPPT)

<b>Product Code</b>	CSB-EP865121HU-B
<b>Abbreviation</b>	AASDHPPT
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NRN7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MVFPKRFCL VPSMEGVRWA FSCGTWLPSR AEWLLAVRSI QPEEKERIGQ FVFARDAKAA MAGRLMIRKL VAEKLNIPWN HIRLQRTAKG KPVLAkdSSN PYPNfNFNIS HGGDYAVLAA EPELQVGIDI MKTSFPGRGS IPEFFHIMKR KFTNKeweti RsfkDEWTQL DMFYRNWALK ESFIKAIGVG LGFELQRLEF DLSPNLNDIG QVYKetrFL DGEEeKEWAF EESKIDEHHF VAVALRkPDG SRHQDVPSQD DSKPTQRQFT ILNFNDLMSS AVPMTPEDPS FWDCFCFTEE IPIRNGTKS
<b>Source</b>	E.coli
<b>Target Names</b>	AASDHPPT
<b>Protein Names</b>	Recommended name: L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase EC= 2.7.8.- Alternative name(s): 4'-phosphopantetheinyl transferase Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase
<b>Expression Region</b>	1-309
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is similar to <i>Saccharomyces cerevisiae</i> LYS5, which is required for the activation of the alpha-aminoadipate dehydrogenase in the biosynthetic pathway of lysine. Yeast alpha-aminoadipate dehydrogenase converts alpha-biosynthetic-aminoadipate semialdehyde to alpha-aminoadipate. It has been suggested that defects in the human gene result in pipecolic acidemia.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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