



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

Product Code	CSB-MP865121HU
Abbreviation	AASDHPPT
Storage	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.
Uniprot No.	Q9NRN7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MVFPKRFCL VPSMEGVRWA FSCGTWLPSR AEWLLAVRSI QPEEKERIGQ FVFARDAKAA MAGRLMIRKL VAEKLNIPWN HIRLQRTAKG KPVLAkdSSN PYPNfNFNIS HGGDYAVLAA EPELQVGIDI MKTSFPGRGS IPEFFHIMKR KFTNKeweti RSFKDEWTQL DMFYRNWALK ESFIKAIGVG LGFELQRLEF DLSPLNLDIG QVYKETRLFL DGEEKEWAF EESKIDEHHF VAVALRKPdG SRHQDVPSQD DSKPTQRQFT ILNFNDLMSS AVPMTPEdPS FWDCFCFTEE IPIRNGTKS
Source	Mammalian cell
Target Names	AASDHPPT
Protein Names	Recommended name: L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase EC= 2.7.8.- Alternative name(s): 4'-phosphopantetheinyl transferase Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase
Expression Region	1-309
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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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