Recombinant Full Length Human AASDHPPT Protein, GST-tagged

Cat. No. AASDHPPT-760HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AASDHPPT full-length ORF (AAH15470, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	309 amino acids
Description	The protein encoded by this gene is similar to Saccharomyces cerevisiae 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. [provided by RefSeq, Jul 2008]
Molecular Mass	59.73 kDa
AA Sequence	MVFPAKRFCL VPSMEGVRWA FSCGTWLPSR AEWLLAVRSI QPEEKERIGQ FVFARDAKAA MAGRLMIRKL VAEKLNIPWN HIRLQRTARG KPVLAKDSSN PYPNFNFNIS HQGDYAVLAA EPELQVGIDI MKTSFPGRGS IPEFFHIMKR KFTNKEWETI RSFKDEWTQL DMFYRNWALK ESFIKAIGAG LGFELQRLEF DLSPLNLDIG QVYKETRLFL DGEEEKEWAF EESKIDEHHF VAVALRKPDG SRHQDVPSQD DSKPTQRQFT ILNFNDLMSS AVPMTPEDPS FWDCFCFTEE

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	IPIRNGTKS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AASDHPPT aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase [Homo sapiens]
Official Symbol	AASDHPPT
Synonyms	AASDHPPT; aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase; L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase; AASD PPT; CGI 80; LYS5; LYS5 ortholog; 4-phosphopantetheinyl transferase; alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase; LYS2; CGI-80; AASD-PPT
Gene ID	60496
mRNA Refseq	NM_015423
Protein Refseq	NP_056238
MIM	607756

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UniProt ID	Q9NRN7

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