

Aminoadipate-Semialdehyde Dehydrogenase-Phosphopantetheinyl

Item Number	rAP-1923
Synonyms	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase, 4'-phosphopantetheinyl transferase, Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase, AASD-PPT, LYS5 ortholog, AASDHPPT, LYS2, LYS5, CGI-80, DKFZp566E23
Description	AASDHPPT Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 316 amino acids (14-309 a.a.) and having a molecular mass of 36.4kDa. The AASDHPPT is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NRN7
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MEGVRWAFSC GTWLPSRAEW LLAVRSIQPE EKERIGQFVF ARDA- KAAMAG RLMIRKLVAE KLNIPWNHIR LQRTAKGKPV LAKDSSNPYP NFNFNISHQG DYAVLAAEPE LQVGIDIMKT SFPGRGSIPE FFHIMKRKFT NKEWETIRSF KDEWTQLDMF YRNWALKESF IKAIGVGLGF ELQRLEFDLS PLNLDIGQVY KETRLFLDGE EEKEWAFEEES KIDEHFFVAV ALRKPDPGSRH QDVP- SQDDSK PTQRQFTILN FNDLMSSAVP MTPEDPSFWD CFCFTEEIPI RNGTHS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The AASDHPPT solution (1mg/ml) contains 20mM Tris-HCl Buffer (pH 8.0), 1mM DTT and 10% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**