

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

ADSL, 1-484aa, Human, His tag, E.coli

产品货号: TP01077

第三版

别名: Adenylosuccinate lyase, AMPS, ASASE, ASL

描述: Adenylosuccinate lyase, also known as ADSL, is an enzyme that converts adenylosuccinate to AMP and fumarate as part of the purine nucleotide cycle. Defects in ADSL are the cause of adenylosuccinase deficiency (ADSL deficiency). ADSL deficiency is an autosomal recessive disorder characterized by the accumulation in the body fluids of succinylaminoimidazole-carboxamide riboside (SAICA-riboside) and succinyladenosine (S-Ado). Recombinant human ADSL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 0.1M NaCl

分子量: 59 kDa (520aa)

序列:

```
MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMAAGGDHGSPDSYRSPLASRYASPEMCFVFS DRYKFR TW  
RQLWLWLAEAEQTLGLPITDEQIQEMKSNLENIDFKMAAEEEEKRLRHDVMAHVHTFGHCCKAAGIIHLGATSCYVGD  
NTDLIILRNALDLLLLPKLARVISRLADFAKERASLPTLGFTHFQPAQLTTVGKRCCLWIQDLCMDLQNLKVRD DLRFRGV  
KGTGTGTQASFLQLFEGDDHKVEQLDKMVTEKAGFKRAFIITGQTYTRKVDIEVLSVLASLGASVHKICTDIRLLANLKEME  
EPFEKQQIGSSAMPYKRNPMSERCCSLARHLMTLVMDPLQTASVQWFERTLDDSANRRICLAEFLTADTILNTLQNI SE  
GLVVYPKVIERRIRQELPFMATENIIMAMVKAGGSRQDCHEKIRVLSQQAASVVKQEGGDNDLIERIQVDAYFSPIHSQLD  
HLLDPSSFTGRASQQVQRFLEEEVYPLLKPYESVMKVKAELCL
```

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.