

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。

ALDH5A1, 48-535aa, Human, His tag, E.coli

产品货号: TP01126

第三版

别名:Succinate-semialdehyde dehydrogenase, mitochondrial; SSADH; SSDH.

描述:ALDH5A1 belongs to the aldehyde dehydrogenase family of proteins. This protein functions as a mediate the NADP+-dependent oxidation of aldehydes into acids and plays an important role in the detoxification of alcohol-derived acetaldehyde, as well as in lipid peroxidation and in the metabolism of corticosteroids, biogenic amines and neurotransmitters.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl, 1mM EDTA.

分子量:54.6 kDa (509aa), confirmed by MALDI-TOF

序列:

```
MGSSHHHHHSSGLVPRGSHMAGRLAGLSAALLRTDSFVGGRWLPAAATFPVQDPASGAALGMVADCGVREARA AVR  
AAYEAFCRWREVS AKERSLLRKWYNLMIQNKDDLARIITAESGKPLKEAHGEILYSAFFLEWFSEEARRVYGDIIHTPAKD  
RRALVLKQPIGVAAVITPWNFPSAMITRKVGAALAAGCTVVVKPAEDTPFSALALAEASQAGIPSGVYVNVIPCSRKNAKE  
VGEAICTDPLVSKISFTGSTTTGKILLHHAANSVKRVSMELGGLAPFIVFDSANVDQAVAGAMASKFRNTGQTCVCSNQF  
LVQRGIHDAFVKAF AEAMKKNL RVNGFEEGTTQGPLINEKAVEKVEKQVND AVSKGATVVTGGKRHQLGKNFFEPTL  
LCNVTQDMLCTHEETFGPLAPVIKFDTEEEAIAIANAADVGLAGYFYSDPAQIWRVAEQLEVMVGVNEGLISSVECPF  
GGVKQSGLGREGSKYGIDEYLELKYVCYGGL
```

纯度:> 95% by HPLC

浓度:0.5 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.