

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。

ARSA, 21-509aa, Human, His tag, E.coli

产品货号: TP01237

第三版

别名:Arylsulfatase A, MLD

描述:ARSA hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Alternatively spliced transcript variants have been described for this gene. Recombinant human ARSA protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量:54.3kDa (512aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSRPPNIVLIFADDLGYGDLGCGHPSSTTPNLDQLAAGGLRFTDFYVPVSLCTPSRAA  
LLTGRLPVRMGMYPGVLVPSSRGGLPLEEVTVAEVLAARGYLTMAGKWHLGVGPEGAFPPHQQGFHRFLGIPYSHDQG  
PCQNLTCFPPATPCDGGCDQGLVPIPLLANLSVEAQPPWLPGLEARYMAFAHDLMADAQRQDRPFFLYASHHTHYPQF  
SGQSFAERSGRGPFGDSLMELDAAVGTLMTAIGDLGLEETLVIFTADNGPETMRMSRGGCSGLLRGCGKGTTYEGGVREP  
ALAFWPGHIAPGVTHELASSDLLPTLAALAGAPLPNVTLDGFDLSPLLLGTGKSPRQSLFFYPSYPDEVRGVFAVRTGKYK  
AHFFTQGSASHSDTTADPACHASSSLTAHEPPLLYDLSKDPGENYNLLGGVAGATPEVLQALKQLQLLKAQLDAAVTFGPS  
QVARGEDPALQICCHPGCTPRPACCHCPDPA
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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.