

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

GMDS, 1-372aa, Human, His tag, E.coli

产品货号: TP02278

第三版

别名:GDP-mannose 4,6 dehydratase, GMD, SDR3E1

描述:GMDS, also known as SDR3E1, belongs to the GDP-mannose 4,6-dehydratase family. This protein utilizes NADP as a cofactor to catalyze the conversion of GDP-mannose to GDP-4-keto-6-deoxymannose. Mutations in the gene encoding GMDS are involved in resistance to TRAIL (tumor necrosis factor-related apoptosis-inducing ligand)-induced apoptosis.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 0.1M NaCl,1mM DTT, 0.1mM PMSF

分子量:44.1 kDa (392aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMAHAPARCPSARGSGDGEMGKPRNVALITGITGQDGSYLAEFLLKGYEVHGIVRRSSSF
NTGRIEHLKYKNPQAHIEGNMKLHYGDLTDSTCLVKIINEVKPTEIYNLGAQSHVKISFDLAEYADVDGVGTLRLLDAVKT
CGLINSVKFYQASTSELYGKVQEIPQKETTFFYPRSPYGAALKLYAYWIVVNFREAYNLFAVNGILFNHESPRRGANFVTRKIS
RSVAKIYLGQLECFSLGNLDAKRDWGHAKDYVEAMWLMLQNDEPEDFVIATGEVHSVREFVEKSFLHIGKTIVWEGKNE
NEVGRCKETGKVHVTVDLKYRPTVEVDFLQGDCTKAKQKLNWKPRVAFDELVREMVHADVELMRTNPNA
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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.