

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。

MVD, 1-400aa, Human, His tag, E.coli

产品货号: TP03053

第三版

别名:Diphosphomevalonate decarboxylase, MPD.

描述:MVD, also known as diphosphomevalonate decarboxylase, catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP. Recombinant human MVD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

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

分子量:45.6 kDa (420aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMASEKPLAAVTCTAPVNIHAVIKYWGKRDEELVLPINSSLSVTLHQDQLKTTTTAVISKDF
TEDRIWLN GREEDVGGPRLQACLREIRCLARKRRNSRDGDPLPSSLCKVHVASVNNFPTAAGLASSAAGYACLAYTLAR
VYGVESDLSEVARRGSGSACRSLYGGFVEWQMGEQADGKDSIARQVAPESHWPELRVLILVSAEKKLTGSTVGMRASVE
TSPLLRFR AESVVPARMAEMARCIRERDFPSFAQLTMKDSNQFHATCLDTFPPISYLNAISWR IHLVHRFNAAHHGDTKVA
YTFDAGPNAVIFTLDDTVAEFVAAVWHGFPPGNSGDTFLKGLQVRPAPLSAELQAALAMEPTGGVKYIIVTQVGPQPQI
LDDPCAHL LGGPDGLPKPAA
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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.