

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。

ID12, 1-227aa, Human, His tag, E.coli

产品货号: TP02558

第三版

别名: Isopentenyl-diphosphate delta-isomerase 2, IPPI2

描述: ID12, also known as isopentenyl-diphosphate delta-isomerase 2, belongs to the IPP isomerase type 1 family. ID12 catalyzes the 1,3-allylic rearrangement of the homoallylic substrate isopentenyl (IPP) to its highly electrophilic allylic isomer, dimethylallyl diphosphate (DMAPP). Recombinant human ID12 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 10% glycerol, 1mM DTT, 0.1mM PMSF

分子量: 28.9 kDa (247aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSDINLDWVDRRQLQRLEEMLIVVDENDKVGADTKRNCHLNENIEKGLLHRAFSVVL
FNTKNRILIQQRSDTKVTFPGYFTDSCSSHPLYNPAELEEKDAIGVRRAAQRRLQAE LGIPGEQISPEDIVFMTIYHHKAKSD
RIWGEHEICYLLLVRKNVTLNPD PSETKSILYLSQEELWELLEREARGEVKVTPWLRTIAERFLYRWWPHLDDVTPFVELHK
IHRV

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.