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Recombinant Human Isopentenyl Pyrophosphate Isomerase 2//IPPI2/IDI2 Protein(N-6His)

产品货号: TP05966

第三版

别名:Isopentenyl-Diphosphate Delta-Isomerase 2; Isopentenyl Pyrophosphate Isomerase 2; IPP Isomerase 2; IPPI2; IDI2

描述:Isopentenyl Pyrophosphate Isomerase 2 (IDI2) belongs to the IPP isomerase type 1 family. Both isozymes, IDI1 and IDI2 are localized to the peroxisome by a PTS1-dependent pathway. IDI2 is expressed in skeletal muscle, which contains one nudix hydrolase domain. IDI2 binds one magnesium per subunit. IDI2 catalyzes the 1,3-allylic rearrangement of the homoallylic substrate isopentenyl (IPP) to its highly electrophilic allylic isomer, dimethylallyl diphosphate (DMAPP). It is reported that IDI2 is regulated independently from IDI1, by a mechanism that may involve PPAR- .

配方:PBS

分子量:28.9 kDa

序列:Met 1-Val227

纯度:> 95% by HPLC

浓度:

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.