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Recombinant Human Glutaryl-CoA Dehydrogenase Mitochondrial/GCDH Protein(N-6His)

产品货号: TP05544

第三版

别名:Glutaryl-CoA Dehydrogenase Mitochondrial; GCD; GCDH

描述:Glutaryl-CoA Dehydrogenase Mitochondrial (GCDH) is an enzyme that acts upon glutaryl-coenzyme A, creating crotonyl-coenzyme A. It plays a role in the metabolism of lysine, hydroxylysine and tryptophan. It uses electron transfer flavoprotein as its electron acceptor. Isoform Short is inactive Glutaryl-CoA and electron-transfer flavoprotein to (E)-but-2-enoyl-CoA, CO₂ and reduced electron-transfer flavoprotein. A defect in this enzyme is associated with neurological condition glutaric acidemia type 1 and cause a progressive form of early-onset generalized dystonia.

配方:PBS

分子量:45.0 kDa

序列:Arg45-Lys438

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.