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IDH3G, 40-393aa, Human, His tag, E.coli

产品货号: TP02554

第三版

别名: Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial, H-IDHG.

描述: IDH3G, also known as isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial, belongs to the isocitrate and isopropylmalate dehydrogenases family. Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. IDH3G is a gamma subunit of one isozyme of isocitrate dehydrogenase that belongs to a distinct subclass, which utilizes NAD(+) as the electron acceptor, and is localised to the mitochondrial matrix.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 5mM DTT, 2mM EDTA

分子量: 41.1 kDa (375aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMFSEQTIPPSAKYGGRHTVTMIPGDGIGPELMLHVKSVFRHACVPVDFEEVHVSSNADE
EDIRNAIMAIRNRVALKGNIE TNHNLPPSHKSRNNILRTSLDLYANVIHCKSLPGVVTRHKDIDILIVRENTEGEYSSLEHE
SVAGVVESLKIIITKAKSLRIA EYAFKLAQESGRKKVTAVHKANIMKLG DGLFLQCCREVAARYPQITFENMIVDNTT MQLV
SRPQQFDVMVMPNLYGNIVNVCAGLVGGPGLVAGANYGHVYAVFETATRNTGKSIANKNIANPTATLLASC MMLDH
LKLHSYATSIRKAVLASMDNENMHTPDIGGQGT TSEAIQDVIRHIRVINGRAVEA

纯度: > 95% by HPLC

浓度: 0.25 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.