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ADH5, 1-374aa, Human, His tag, E.coli

产品货号: TP01065

第三版

别名: Alcohol dehydrogenase class-3, ADHX, FDH.

描述: ADH5 is a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. It has virtually no activity for ethanol oxidation, but exhibits high activity for oxidation of long-chain primary alcohols and for oxidation of S-hydroxymethyl-glutathione, a spontaneous adduct between formaldehyde and glutathione.

配方: Liquid. 20mM Tris-HCl buffer (pH7.5) containing 20% glycerol 0.1M NaCl, 1mM DTT

分子量: 42.3 kDa (398aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMANEVIKCKAAVAWEAGKPLSIEEIEVAPPKAHEVRIKIIATAVCHTDAYTLSGA
DPEGCFPVILGHEGAGIVESVGEVTKLKAGDTVIPLYPQCGECKFCLNPKTNLCQKIRVTQGGKGLMPDGTSRFTCKGK
TILHYMGTSFSEYTVVADISVAKIDPLAPLDKVCLLGGCISTGYGAAVNTAKLEPGSVCAVFGLGGVGLAVIMGCKVAG
ASRIIGVDINKDKFARAKEFGATECINPQDFSKPIQEVLIEMTDGGVDYSFECIGNVKVMRAALEACHKGWGVSVVVGVA
ASGEEIATRPFLVTGRTWKGTAFFGGWKSVESVPKLVSEYMSKKIKVDEFVTHNLSFDEINKAFELMHSGKSIRTVVKI

纯度: > 95% by HPLC

浓度: 1.0 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.