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RDH12, 39-316aa, Human, His tag, E.coli

产品货号: TP03708

第三版

别名: Retinol dehydrogenase 12, LCA13, LCA3, SDR7C2.

描述: Retinol dehydrogenase 12, also known as RDH12, belongs to the short-chain dehydrogenases /reductases (SDR) family. RDH12 is expressed, mostly in eye, kidney, brain, skeletal muscle and stomach. It is an NADPH-dependent retinal reductase whose highest activity is toward 9-cis and all-trans-retinol. RDH12 also plays a role in the metabolism of short-chain aldehydes but does not exhibit steroid dehydrogenase activity.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 40% glycerol, 0.2M NaCl

分子量: 33.5 kDa (303aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMGKVVVITGANTGIGKETARELASRGARVYIACRDVLKGESAAASEIRVDTKNSQ
VLVRKLDLSDTKSIRAF AEGFLAEEKQLHILINNAGVMMCPYSKTADGFETHLGVNHLGHFLLTYLLLERLKVSAPARVVN
VSSVAHHIGKIPFHD LQSEKRYSRGFAYCHSKLANVLF TRELAKRLQGTGVTTYAVHPGVVRSELVRHSSLLCLLWRLFSPF
VKTAREGAQTS LHCALAEGLEPLSGKYFSDCKRTWVSPRARNNKTAERLWNVSCCELLGIRWE

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.