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HSD17B10, 12-261aa, Human, His tag, E.coli

产品货号: TP02510

第三版

别名:3-hydroxyacyl-CoA dehydrogenase type-2, 17b-HSD10, ABAD, CAMR, DUPXp11.22, ERAB, HADH2, HCD2, MHBD, MRPP2, MRX17.

描述:HSD17B10 is a member of the short-chain dehydrogenase/reductase superfamily. This mitochondrial protein catalyzes the oxidation of a wide variety of fatty acids, alcohols, and steroids. HSD17B10 plays an important role in processing steroid hormones and fats, and also helps break down the protein building block (amino acid) isoleucine. This enzyme is also necessary for several chemical reactions involving female sex hormones (estrogens) and male sex hormones (androgens).

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT, and 100 mM NaCl.

分子量:28.1 kDa (271aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMVAVITGGASGLGLATAERLVGQGASAVLLDLPNSGGEAQAKKLGNNCVFAPADVTSE
KDVQ TALALAKGKFRVDVAVNCAGIAVASKTYNLKKGQHTLTLEDFQRVLDVNLMGTFNVIRLVAGEMGQNEPDQG
GQRGVIIINTASVAAFEGQVQAAYSASKGGIVGMTLPIARDLAPIGIRVMTIAPGLFGTPLLTSLEKVCNFLASQVPFPSRL
GDPAEYAHLVQAIENPFLNGEVIRLDGAIRMQP

纯度:> 95% by HPLC

浓度:1 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.