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ENO3, 1-434aa, Human, His tag, E.coli

产品货号: TP02018

第三版

别名: Beta-enolase, MSE.

描述: Beta-enolase, also known as ENO3, is one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in skeletal muscle cells in the adult. ENO3 play a role in converting phosphoglyceric acid to phosphoenolpyruvic acid in the glycolytic pathway. Mutations in its gene can be associated with metabolic myopathies that may result from decreased stability of the enzyme.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl

分子量: 49 kDa (454aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAMQKIFAREILDSRGNPTVEVDLHTAKGRFRAAVPSGASTGIYEALELRDGDKGRYLG
KGVLKAVENINSTLGPALLQKKLSVADQEKVDKFMIELDGTENKSKFGANAILGVSLAVCKAGAAEKGVPLYRHIADLAG
NPDILPVPFNVINGGSHAGNKLAMQEFMILPVGASSFKEAMRIGAEVYHHLKGVKAKYGKDATNVGDEGGFAPNILE
NNEALELLKTAIQAAGYDPKVVIGMDVAASEFYRNGKYDLDFKSPDDPARHITGEKLGELYKSFINKYPVVSIEDPFDQDD
WATWTSFLSGVNIQIVGDDLTVTNPKRIAQAVEKKACNCLLLKVNQIGSVTESIQACKLAQSNGWGMVSHRSGETEDT
FIADLVVGLCTGQIKTGAPCRSERLAKYNQLMRIEEALGDKAIFAGRKFRNPKAK

纯度: > 95% by HPLC

浓度: 0.5 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.