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Fumarase, 44-510aa Human, Recombinant, E.coli

产品货号: TP02162

第三版

别名:Fumarate hydratase, FH, HLRCC, LRCC, MCL, MCUL1

描述:Fumarase (Fumarate hydratase) is an enzyme that catalyzes the reversible hydration/dehydration of fumarate to S-malate and is involved in the tricarboxylic acid (TCA), or Krebs cycle. This enzyme exists in both a cytosolic form and an N-terminal extended mitochondrial form. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension is the same form as in the cytoplasm.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0)

分子量:50.2kDa (467aa), confirmed by MALDI-TOF

序列:

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.