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BFIT, 19-250aa, Human, His tag, E.coli

产品货号: TP01330

第三版

别名: Thioesterase, adipose associated isoform BFIT2,

描述: BFIT is a member of the acyl-CoA thioesterase family which catalyse the conversion of activated fatty acids to the corresponding non-esterified fatty acid and coenzyme A. Expression of a mouse homolog in brown adipose tissue is induced by low temperatures and repressed by warm temperatures. Higher levels of expression of the mouse homolog has been found in obesity-resistant mice compared with obesity-prone mice, suggesting a role of acyl-CoA thioesterase 11 in obesity. The protein has acyl-CoA thioesterase activity towards medium (C12) and long-chain (C18) fatty acyl-CoA substrates. Recombinant human BFIT protein, fused to His-tag at N-terminus, was expressed in E.coli

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 29.9kDa (268aa)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSNRTSRKSALRAGNDSAMADGEGYRNPTEVQMSQLVLPC
HTNQRGELSVGQLLKWIDTTACLSEAERHAGCPCVTASMDIYFEHTISVGQVVNIKAKVNRAFNSMEVGIQVASEDLCS
EKQWNVCKALATFVARREITKVKLKQITPRTEEEKMEHSVAAERRRMRLVYADTIKDLLANCAIQGDLESRDCSRMPVPAE
KTRVESVELVLPphanhQGNTFGGQIMAWMENVA

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.