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MMACHC, 1-282 aa, Human, His tag, E.coli

产品货号: TP02987

第三版

别名: Methylmalonic aciduria and homocystinuria type C protein, RP11-291L19.3, cb1C.

描述: The exact function of MMACHC is not known, however, its C-terminal region shows similarity to TonB, a bacterial protein involved in energy transduction for cobalamin (vitamin B12) uptake. Hence, it is postulated that this protein may have a role in the binding and intracellular trafficking of cobalamin. Mutations in this protein are associated with methylmalonic aciduria and homocystinuria type cb1C.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 34 kDa (306aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMEPKVAELKQKIEDTLCPFGFEVYYPFQVAWYNELLPPAFHLPLPGPTLAFLVLSTP  
AMFDRALKPFLQSCHLRMLTDPVDQCVAHYHLGRVRESLPELQIEIIADYEVHPNRRPKILAQTAHVAGAAAYYQRQDVE  
ADPWGNQRISGVCIHPRFGGWFAIRGVVLLPGIEVPDLPPRKP HDCVPTRADRIALLEGFNFHWRDWTYRDAVTPQERY  
SEEQKAYFSTPPAQRLLALLGLAQPSEKPSPPDLPFTTPAPKKPGNPSRARSWLSPRVSPASP GP

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.