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MMADHC, 39-296aa, Human, His tag, E.coli

产品货号: TP02988

第三版

别名: Methylmalonic aciduria and homocystinuria type D protein, C2orf25, cbID, CL25022

**描述:** MMADHC is a mitochondrial protein that is involved in an early step of vitamin B12 metabolism. Vitamin B12 (cobalamin) is essential for normal development and survival in humans. Mutations in this gene cause methylmalonic aciduria and homocystinuria type cbID (MMADHC), a disorder of cobalamin metabolism that is characterized by decreased levels of the coenzymes adenosylcobalamin and methylcobalamin. Recombinant human MMADHC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

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

**分子量:** 31 kDa (281aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSSDESHVAAAPPDICSRTVWPDETMGPFQDQRFQLPGNIGFDCHLNGTASQKKS  
LVHKTLPDVLAEPLSSERHEFVMAQYVNEFQGNDAPEQEINSAETYFESARVECAIQTCPELLRKDFESLFPEVANGKLM  
LTVTQKTKNDMTVWSEEVEIEREVLLKFKINGAKEICYALRAEGYWADFIDPSSGLAFFGPYTNNTLFETDERYRHLGFSVD  
DLGCCVKVIRHSLWGTHVVGSIPTNATPDSHIMKKLSGN

**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.