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TMED10, 32-185aa, Human, His tag, E.coli

产品货号: TP04233

第三版

别名: Transmembrane emp24 domain-containing protein 10, p23, P24(Delta), S311125, S3111125, Tmp-21-I, TMP21

描述: TMED10 is a member of the EMP24/GP25L/p24 family and a protein with a GOLD domain. This type I membrane protein is localized to the plasma membrane and golgi cisternae and is involved in vesicular protein trafficking. The protein is also a member of a heteromeric secretase complex and regulates the complex's gamma-secretase activity without affecting its epsilon-secretase activity. Mutations in this gene have been associated with early-onset familial Alzheimer's disease. This gene has a pseudogene on chromosome 8. Recombinant human TMED10 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, 30% glycerol.

分子量: 20 kDa (177aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSISFHLPIINSRKCLREEIHKDLLVTGAYEISDQSGGAGGLRSHLKITDSAGHILYSKEDA  
TKGKFAFTTEDYDMFEVCFESKGTGRIPDQLVILDMKHGVEAKNYEEIAKVEKLPLEVELRRLEDLSESIVNDFAYMKKR  
EEEMRDTNESTNTR

纯度: > 95% by HPLC

浓度: 0.25 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.