

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

TPM2, 1-284aa, Human, His tag, E.coli

产品货号: TP04285

第三版

别名:Tropomyosin beta chain isoform 2, AMCD1, DA1, DA2B, NEM4, TMSB

描述:Tropomyosin beta chain isoform 2, also known as TPM2, is a member of the actin filament binding protein family which mainly expressed in slow, type 1 muscle fibers. Mutations in this gene can alter the expression of other sarcomeric tropomyosin proteins, and cause cap disease, nemaline myopathy and distal arthrogryposis syndromes. Recombinant human TPM2 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 1mM DTT, 30% glycerol, 100mM NaCl

分子量:35.1 kDa (304aa) confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMDAIKKKMQMLKLDKENAIDRAEQAEADKKQAEDRCKQLEEEQQALQKKLKGTEDE
VEKYSESVKEAQEKLEQAEKKATDAEADVASLNRRRIQLVEELDRAQERLATALQKLEEAKEKADESERGMKVIENRAMK
DEEKMELQEMQLKEAKHIAEDSDRKYEEVARKLVILEGELERSEERA EVAESRARQLEELRTMDQALKSLMASEEEYSTKE
DKYEEI KLL EELKEAETRAEFAERSVAKLEKTIDDLEETLASAKEENVEIHQTL DQTLLELNNL

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.