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TNNI2, 1-182aa, Human, His tag, E.coli

产品货号: TP04271

第三版

**别名:**Troponin I, fast skeletal muscle, AMCD2B, DA2B, FSSV, fsTnI

**描述:**Troponin I, fast skeletal muscle, also known as TNNI2, is a member of the troponin I gene family, and a component of the troponin complex including troponin T, troponin C and troponin I subunits. The troponin complex, along with tropomyosin, is responsible for the calcium-dependent regulation of striated muscle contraction. This protein also suppresses tumor growth in human ovarian carcinoma. Mutations in TNNI2 cause myopathy and distal arthrogyrosis type 2B. Recombinant human TNNI2 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 2M Urea, 20% glycerol, 0.2M NaCl

**分子量:**23.5 kDa (202aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGDEEKRNRAITARRQHLKSVMLQIAATELEKEESRREAQKQNYLAEHCPPLHIPGSMSE  
VQELCKQLHAKIDAAEEKYDMEVRVQKTSKELEDMNQKLFDLRGKFKRPPLRRVRMSADAMLKALLGSKHKVCMDLR  
ANLKQVKKEDTEKERDLRDVGDWRKNIEEKSGMEGRKKMFESES

**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.