

TNNC1 抗原（重组蛋白）

中文名称：TNNC1 抗原（重组蛋白）

英文名称：TNNC1 Antigen (Recombinant Protein)

别名：TNC; TN-C; TNNC; CMD1Z; CMH13

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	troponin C type 1 (slow)
Synonyms:	TNC; TN-C; TNNC; CMD1Z; CMH13
Swissprot:	P63316
Gene Accession:	BC030244
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase; TnT, which contains the binding site for tropomyosin; and TnC, the protein encoded by this gene. The binding of calcium to TnC abolishes the inhibitory action of TnI, thus allowing the interaction of actin with myosin, the hydrolysis of ATP, and the generation

of tension.