

TCAP 抗原（重组蛋白）

中文名称： TCAP 抗原（重组蛋白）

英文名称： TCAP Antigen (Recombinant Protein)

别名： titin-cap; TELE; CMD1N; CMH25; T-cap; LGMD2G; LGMDR7; telethonin

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-167 amino acids of human TCAP

技术规格

Full name:	titin-cap
Synonyms:	TELE; CMD1N; CMH25; T-cap; LGMD2G; LGMDR7; telethonin
Swissprot:	O15273
Gene Accession:	BC013330
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Sarcomere assembly is regulated by the muscle protein titin. Titin is a giant elastic protein with kinase activity that extends half the length of a sarcomere. It serves as a scaffold to which myofibrils and other muscle related proteins are attached. This gene encodes a protein found in striated and cardiac muscle that binds to the titin Z1-Z2 domains and is a substrate of titin kinase, interactions thought to be critical to sarcomere assembly. Mutations in this gene are associated with limb-girdle muscular dystrophy type 2G.