

ACTC1 抗原（重组蛋白）

中文名称： ACTC1 抗原（重组蛋白）

英文名称： ACTC1 Antigen (Recombinant Protein)

别名： actin, alpha, cardiac muscle 1; ACTC; ASD5; CMD1R; CMH11; LVNC4

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 178-377 amino acids of human ACTC1

技术规格

Full name:	actin, alpha, cardiac muscle 1
Synonyms:	ACTC; ASD5; CMD1R; CMH11; LVNC4
Swissprot:	P68032
Gene Accession:	BC009978
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Actins are highly conserved proteins that are involve

d in various types of cell motility. Polymerization of globular actin (G-actin) leads to a structural filament (F-actin) in the form of a two-stranded helix. Each actin can bind to four others. The protein encoded by this gene belongs to the actin family which is comprised of three main groups of actin isoforms, alpha, beta, and gamma. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. Defects in this gene have been associated with idiopathic dilated cardiomyopathy (IDC) and familial hypertrophic cardiomyopathy (FHC).