

CAPN3 抗原（重组蛋白）

中文名称：CAPN3 抗原（重组蛋白）

英文名称：CAPN3 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 666-821 amino acids of human CAPN3

技术规格

Full name:	calpain 3
Synonyms:	p94; CANP3; LGMD2; nCL-1; CANPL3; LGMD2A
Swissprot:	P20807
Gene Accession:	BC003521
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Calpain, a heterodimer consisting of a large and a small sub unit, is a major intracellular protease, although its function has not been well established. This gene encodes a muscle-specific member of the calpain large subunit family that specifically binds to titin. Mutations in this gene are associated with limb-girdle muscular dystrophies type 2A. Alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms and some variants are ubiquitously expressed.