

CAPNS1 抗原（重组蛋白）

中文名称：CAPNS1 抗原（重组蛋白）

英文名称：CAPNS1 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 91-268 amino acids of human CAPNS1

技术规格

Full name:	calpain, small subunit 1
Synonyms:	30K, CANP, CDPS, CSS1, CANPS, CAPN4, CALPAIN4
Swissprot:	P04632
Gene Accession:	BC000592
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Calpains are a ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. Calpain families have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. Calpain I and II are heterodimeric with distinct large subunits associated with common small subunits, all of which are encoded by different genes. This gene encodes a small subunit common to both calpain I and II and is associated with myotonic dystrophy. Two transcript variants encoding the same protein have been identified for this gene.