

CAPN5 抗原（重组蛋白）

中文名称：CAPN5 抗原（重组蛋白）

英文名称：CAPN5 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 344-496 amino acids of human CAPN5

技术规格

Full name:	calpain 5
Synonyms:	VRNI; ADNIV; HTRA3; nCL-3
Swissprot:	O15484
Gene Accession:	BC018123
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 calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to <i>Caenorhabditis elegans</i> sex determination gene tra-3, CAPN5 is also called as HTRA3.