

## CAPN6 抗原（重组蛋白）

中文名称：CAPN6 抗原（重组蛋白）

英文名称：CAPN6 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 26-343 amino acids of human CAPN6

### 技术规格

<b>Full name:</b>	calpain 6
<b>Synonyms:</b>	CANPX, CAPNX, CalpM, DJ914P14.1
<b>Swissprot:</b>	Q9Y6Q1
<b>Gene Accession:</b>	BC000730
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The protein encoded by this gene is highly expressed in the placenta. Its C-terminal region lacks any homology to the calmodulin-like domain of other calpains. The protein lacks critical active site residues and thus is suggested to be proteolytically inactive. The protein may play a role

in tumor formation by inhibiting apoptosis and promoting angiogenesis.