

CAST 抗原（重组蛋白）

中文名称： CAST 抗原（重组蛋白）

英文名称： CAST Antigen (Recombinant Protein)

别 名： BS-17

储 存： 冷冻（-20℃）

相关类别： 抗原

概 述：

Fusion protein corresponding to C terminal 250 amino acids of human CAST

技术规格：

Full name:	calpastatin
Synonyms:	BS-17
Swissprot:	P20810
Gene Accession:	BC013579
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is an endogenous calpain (calcium-dependent cysteine protease) inhibitor. It consists of an N-terminal domain L and four repetitive calpain-inhibition domains (domains 1-4), and it is involved in the proteolysis of amyloid precursor protein. The calpain/calpastatin system is involved in numerous membrane fusion events, such as neural vesicle exocytosis and platelet and red-cell aggregation. The encoded protein is also thought to affect the expression levels of genes encoding structural or regulatory proteins. Alternatively spliced transcript variants encoding different isoforms

ms have been described.