

Recombinant Human CAST

Catalog No: #GP11306



Package Size: #GP11306-1 100ug

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Description

Product Name	Recombinant Human CAST
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human calpastatin
Target Name	calpastatin
Other Names	BS-17
Accession No.	Swissprot:P20810Gene Accession:BC013579
Uniprot	P20810
GeneID	831;
Storage	-20~-80°C, pH 7.6 PBS

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 have been described.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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