

Datasheet for ABIN935258
Calpastatin Protein (CAST)



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1 Publication

Overview

Quantity:	1 mg
Target:	Calpastatin (CAST)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	Purified recombinant Human Calpastatin protein (Domain 1)
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Target Details

Target:	Calpastatin (CAST)
Alternative Name:	Calpastatin (CAST Products)
Background:	Calpastatin is an endogenous protease inhibitor that acts specifically on Calpain-1. Calpastatin exhibits greater inhibitory potency than calpain inhibitors I and II. Alternative Names: Calpastatin Antigen, Calpastatin Protein, Calpastatin Recombinant Protein
Molecular Weight:	14 kDa

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Supplied as a lyophilised powder.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C.

Publications

Product cited in: Zór, Ortiz, Saatci, Bardsley, Parr, Csöregi, Nistor: "Label free capacitive immunosensor for detecting calpastatin--a meat tenderness biomarker." in: **Bioelectrochemistry (Amsterdam, Netherlands)**, Vol. 76, Issue 1-2, pp. 93-9, (2009) ([PubMed](#)).