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## Datasheet for ABIN7317275 CST9L Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	CST9L
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CST9L protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human CST9L/Testatin Protein (Fc Tag)
Sequence:	Met 1-His 147
Characteristics:	A DNA sequence encoding the human CST9L (Q9H4G1) (Met 1-His 147) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 92 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CST9L
Alternative Name:	CST9L/Testatin ( <a href="#">CST9L Products</a> )
Background:	Background: Testatin is a member of the Cystatin family. Cystatins comprise genes that all show expression patterns that are strikingly restricted to reproductive tissue. Cystatins are a family of cysteine protease inhibitors with homology to chicken cystatin. There are typically

## Target Details

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about 115 amino acids in this family. They are largely acidic, contain four conserved cysteine residues known to form two disulfide bonds, may be glycosylated and/or phosphorylated, with similarity to fetuins, kininogens, stefins, histidine-rich glycoproteins and cystatin-related proteins. Testatin shows homology to family 2 cystatins, a group of broadly expressed small secretory proteins that are inhibitors of cysteine proteases in vitro but whose in vivo functions are unclear. It is expressed in germ cells and somatic cells in reproductive tissues. Testatin is considered a strong candidate for involvement in early testis development. Testatin expression is maintained in the adult Sertoli cell, and it can also be found in a small population of germ cells.

Synonym: bA218C14.1,CTES7B,PRO3543,UNQ1835

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Molecular Weight: 41.3 kDa

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UniProt: [Q9H4G1](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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Buffer: Lyophilized from sterile PBS, pH 7.4

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.