

## Product datasheet

# Recombinant Human CST11 protein (denatured) ab156753

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human CST11 protein (denatured)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><a href="#">Q9H112-2</a></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSARKKTFL SVHEVMAVEN YAKDSLQWIT DQYNKESDDK YHFRIFRVLK VQRQQVNCFF SVFAVPWFEQ YKILNKSCSS D
<b>Predicted molecular weight</b>	12 kDa including tags
<b>Amino acids</b>	26 to 103
<b>Tags</b>	His tag N-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab156753** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  pH: 8.00
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Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## General Info

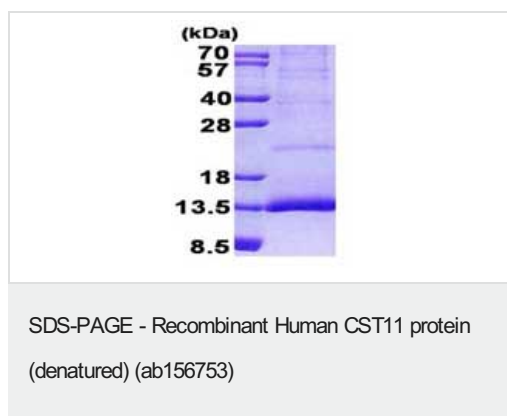
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<b>Function</b>	Has antibacterial activity against the Gram-negative bacteria E.coli. May play a role in sperm maturation and fertilization.
<b>Tissue specificity</b>	Detected in the epithelium and lumen of the epididymis, and in sperm (at protein level).
<b>Sequence similarities</b>	Belongs to the cystatin family.
<b>Cellular localization</b>	Nucleus. Cytoplasm. Nuclear and cytoplasmic in the epididymis. Localized to the postacrosomal and tail regions of sperm. Probably localized to the outer surface of sperm.

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## Images

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15% SDS-PAGE analysis of ab156753 (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

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