

CSTL1 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77344
Synonyms:	Cystatin-like 1; RCET11; CSTL1
Species:	Human
Source:	HEK293
Accession:	Q9H114 (A20-R145)
Gene ID:	128817
Molecular Weight:	Approximately 45-80 kDa due to the glycosylation

PROPERTIES

AA Sequence	<p>A K L G H F Q R W E G F Q Q K L M S K K N M N S T L N F F I Q S Y N N A S N D T</p> <p>Y L Y R V Q R L I R S Q M Q L T T G V E Y I V T V K I G W T K C K R N D T S N S</p> <p>S C P L Q S K K L R K S L I C E S L I Y T M P W I N Y F Q L W N N S C L E A E H</p> <p>V G R N L R</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>CSTL1 Protein is a type 2 cystatin-like protein. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The specific function of this protein has not been determined. The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and kininogens.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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