

## Product datasheet for **AR51943PU-N**

### Cystatin-F (20-1452, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Cystatin-F (20-1452, His-tag) human recombinant protein, 0.25 mg
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	GPSPDTC SQD LNSRVKPGFP KTIKTNDPGV LQAARYSVEK FNNCTNDMFL FKESRITRAL VQIVKGLKYM LEVEIGRTTC KKNQHLRLDD CDFQTNHTLK QTLSCYSEVW VWPWLQHFEV PVL RCHHHHHH HH
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	15.3 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4)
<b>Endotoxin:</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CST7, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_003641</a>
<b>Locus ID:</b>	8530
<b>UniProt ID:</b>	<a href="#">O76096</a>
<b>Cytogenetics:</b>	20p11.21
<b>Synonyms:</b>	CMAP



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**Summary:**

The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. This gene encodes a glycosylated cysteine protease inhibitor with a putative role in immune regulation through inhibition of a unique target in the hematopoietic system. Expression of the protein has been observed in various human cancer cell lines established from malignant tumors. [provided by RefSeq, Jul 2008]

**Protein Families:**

Secreted Protein

**Product images:**