

# OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# Product datasheet for AR50157PU-N

## Cystatin-SN (21-141, His-tag) Human Protein

### **Product data:**

Product Type:	Recombinant Proteins
Description:	Cystatin-SN (21-141, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMWSPKEE DRIIPGGIYN ADLNDEWVQR ALHFAISEYN KATKDDYYRR PLRVLRARQQ TVGGVNYFFD VEVGRTICTK SQPNLDTCAF HEQPELQKKQ LCSFEIYEVP WENRRSLVKS RCQES
Tag:	His-tag
Predicted MW:	16.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 10% glycerol, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CST1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001889</u>
Locus ID:	1469
UniProt ID:	<u>P01037</u>
Cytogenetics:	20p11.21

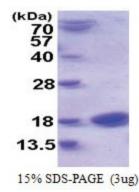


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

#### **GRIGENE** Cystatin-SN (21-141, His-tag) Human Protein – AR50157PU-N

Summary:The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences.<br/>Some of the members are active cysteine protease inhibitors, while others have lost or<br/>perhaps never acquired this inhibitory activity. There are three inhibitory families in the<br/>superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The<br/>type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of<br/>human fluids and secretions, where they appear to provide protective functions. The cystatin<br/>locus on chromosome 20 contains the majority of the type 2 cystatin genes and<br/>pseudogenes. This gene is located in the cystatin locus and encodes a cysteine proteinase<br/>inhibitor found in saliva, tears, urine, and seminal fluid. [provided by RefSeq, Jul 2008]

#### **Product images:**



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US