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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

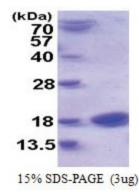


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GRIGENE Cystatin-SN (21-141, His-tag) Human Protein – AR50157PU-N

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, where they appear to provide protective functions. The cystatin
locus on chromosome 20 contains the majority of the type 2 cystatin genes and
pseudogenes. This gene is located in the cystatin locus and encodes a cysteine proteinase
inhibitor found in saliva, tears, urine, and seminal fluid. [provided by RefSeq, Jul 2008]

Product images:



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