**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 AR50081PU-S

## Cystatin 9 (29-159, His-tag) Human Protein

### Product data:

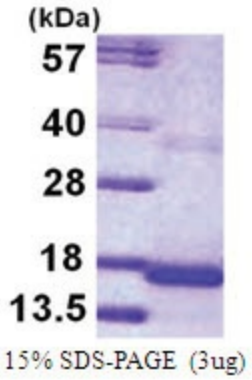
| | |
|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Cystatin 9 (29-159, His-tag) human recombinant protein, 0.1 mg |
| **Species:** | Human |
| **Expression Host:** | E. coli |
| **Expression cDNA Clone or AA Sequence:** | MGSSHHHHHH SSGLVPRGSH MWCSEEEMGG NNKIVQDPMF LATVEFALNT FNVQSKEEHA YRLLRVLSSW REDSMDRKWR GKMVFSMNLQ LRQTVCRKFE DDIDNCPFQE SLELNNVRQG ISFPQVHSCG CCMGCGVGTG AADKAIPRDK GK |
| **Tag:** | His-tag |
| **Predicted MW:** | 17.2 kDa |
| **Concentration:** | lot specific |
| **Purity:** | >90% by SDS - PAGE |
| **Buffer:** | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol |
| **Preparation:** | Liquid purified protein |
| **Protein Description:** | Recombinant human CST9 protein, fused to His-tag at N-terminus, was expressed in E.coli. |
| **Storage:** | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.<br>Avoid repeated freezing and thawing. |
| **Stability:** | Shelf life: one year from despatch. |
| **RefSeq:** | NP_001008693 |
| **Locus ID:** | 128822 |
| **UniProt ID:** | Q5W186 |
| **Cytogenetics:** | 20p11.21 |
| **Synonyms:** | CLM; CTES7A |

View online »

**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 secreted protein that may play a role in hematopoietic differentiation or inflammation. [provided by RefSeq, Jul 2008]

**Protein Families:** Transmembrane

## Product images:



15% SDS-PAGE (3ug)