

### **Product datasheet for AR51973PU-S**

# Cystatin-C (21-140, His-tag) Mouse Protein

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Cystatin-C (21-140, His-tag) mouse protein, 50 μg

Species: Mouse Expression Host: Insect

**Expression cDNA Clone** ATPKQGPRML GAPEEADANE EGVRRALDFA VSEYNKGSND AYHSRAIQVV RARKQLVAGV

or AA Sequence: NYFLDVEMGR TTCTKSQTNL TDCPFHDQPH LMRKALCSFQ IYSVPWKGTH SLTKFSCKNA HHHHHH

Tag: His-tag
Predicted MW: 14.2 kDa
Concentration: lot specific

Purity: >95% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Endotoxin:** < 1.0 EU per 1 microgram of protein (determined by LAL method)

**Preparation:** Liquid purified protein

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:** NP 034106

 Locus ID:
 13010

 UniProt ID:
 P21460

 Cytogenetics:
 2 73.6 cM

 Synonyms:
 Cys; CysC



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

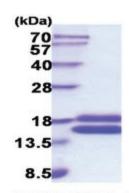
Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



#### **Summary:**

The protein encoded by this gene is a cysteine protease inhibitor involved in neurodegenerative and cardiovascular processes. The encoded protein inhibits aggregation of beta-amyloid protein, a hallmark of Alzheimer's disease, so it may be useful as a therapeutic. This protein also may be a biomarker for atherosclerosis. [provided by RefSeq, Aug 2015]

## **Product images:**



15% SDS-PAGE (3ug)