

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 or AA Sequence: | ATPKQGPRML GAPEEADANE EGVRRALDFA VSEYNKGSND AYHSRAIQV RARKQLVAGV 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 |



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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: