

Product datasheet for **AR51973PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	Cystatin-C (21-140, His-tag) mouse protein, 0.25 mg
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: