

Datasheet for ABIN7320507

CST7 Protein (His tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CST7
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CST7 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Cystatin 7/CST7 Protein (His Tag)
Sequence:	Ala19-Gln144
Characteristics:	Recombinant Mouse Cystatin F is produced by our Mammalian expression system and the target gene encoding Ala19-Gln144 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CST7
Alternative Name:	Cystatin 7/CST7 (CST7 Products)
Background:	Background: Mouse Cystatin F belongs to cystatin superfamily, which encompasses proteins that contain multiple cystatin-like sequences. It has been shown that Cystatin F is selectively expressed by hematopoietic cells and may be a biomarker for both liver metastasis and

Target Details

inflammatory lung disorders. Mouse Cystatin F inhibits papain and cathepsin L but with affinities lower than other cystatins. It may play a role in immune regulation through inhibition of a unique target in the hematopoietic system.

Synonym: Cystatin-F, Cystatin-like Metastasis-Associated Protein, Leukocystatin, CMAP, Cystatin-7, Cst7,

Molecular Weight: 15.4 kDa

UniProt: [O89098](#)

Application Details

Restrictions: For Research Use only

Handling

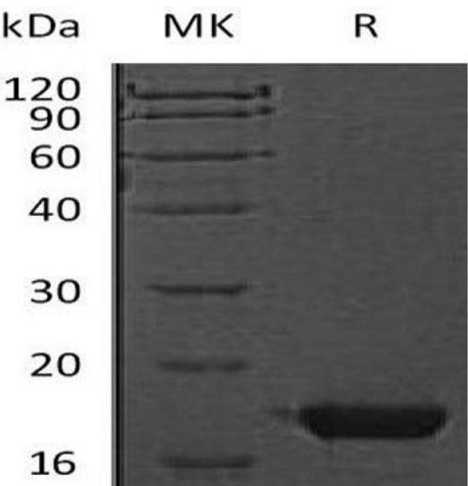
Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.