

Recombinant Mouse Cystatin 7/CST7 Protein (His Tag)

Catalog Number: PKSM040999

Note: Centrifuge before opening to ensure complete recovery of vial contents.

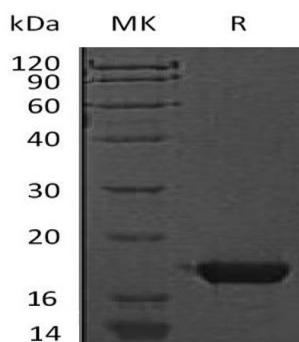
Description

Species	Mouse
Source	HEK293 Cells-derived Mouse Cystatin 7/CST7 protein Ala19-Gln144 , with an C-terminal His
Calculated MW	15.4 kDa
Observed MW	18 kDa
Accession	O89098
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.

Data



> 95 % as determined by reducing SDS-PAGE.

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 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.