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Datasheet for ABIN1691562 CST7 Protein (AA 19-144) (His tag)



Overview	
Quantity:	50 µg
Target:	CST7
Protein Characteristics:	AA 19-144
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 F/CST7 (C-6His)
Sequence:	ARPPDFCSKD LISSVKPGFP KTIETNNPGV LKAARHSVEK FNNCTNDIFL FKESHVSKAL VQVVKGLKYM LEVKIGRTTC RKTMHHQLDN CDFQTNPALK RTLYCYSEVW VIPWLHSFEV PVLLCQVDHH HHHH
Characteristics:	Recombinant Mouse Cystatin F/CST7 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Ala19-Gln144) of Mouse Cystatin F fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

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Target Details

Target Details	
Target:	CST7
Alternative Name:	Cystatin F (CST7 Products)
Sub Type:	Fusionprotein
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 othe
	cystatins. It may play a role in immune regulation through inhibition of a unique target in the
	hematopoietic system.
	Alternative Names: Cystatin-F, Cystatin-like Metastasis-Associated Protein, Leukocystatin,
	CMAP, Cystatin-7, Cst7,
Molecular Weight:	15.4 kDa
JniProt:	O89098
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 μ g/mL.
	Dissolve the lyophilized protein in ddH20.
	Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 μm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt.
	Please minimize freeze-thaw cycles.

Expiry Date:

6 months

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