

Datasheet for ABIN667589

CST9 Protein (AA 29-159) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CST9
Protein Characteristics:	AA 29-159
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CST9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	CST9, 29-159aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	CST9
Alternative Name:	CST9 (CST9 Products)
Background:	Cystatin 9, also known as CST9, is a member of the CRES (cystatin-related epididymal spermatogenic) subfamily. The CRES (cystatin-related epididymal spermatogenic) protein defines a newsubgroup in the family 2 cystatins of the cystatin superfamily. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. CST9 is expressed in heart, placenta, lung, liver, skeletal muscle

Target Details

and pancreas. CST9 is thought to play a role in hematopoietic differentiation or inflammation. It has also been shown to be upregulated by LPS in some cancer cell lines, such as promyelocytic leukemia (HL-60) and myelomonocytic leukemia. Recombinant human CST9 protein, fused to His-tag at N-terminus, was expressed in E.coli. Synonyms: Cystatin 9, CLM. NCBI no.: NP_001008693

Molecular Weight: 17.2 kDa (152aa)

Application Details

Restrictions: For Research Use only

Handling

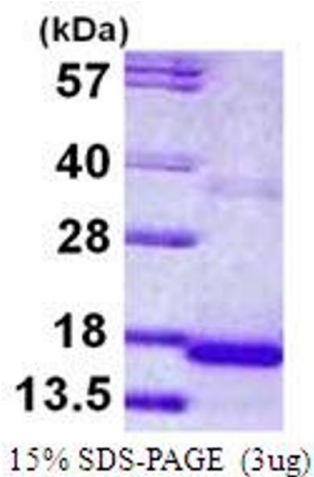
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.