

# Recombinant Human CST4

Catalog No: #GP11198



Package Size: #GP11198-1 100ug

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## Description

Product Name	Recombinant Human CST4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 21-141 amino acids of human CST4
Target Name	cystatin S
Accession No.	Swissprot:P01036Gene Accession:BC065714
Uniprot	P01036
GeneID	1472;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a type 2 salivary cysteine peptidase inhibitor. The protein is an S-type cystatin, based on its high level of expression in saliva, tears and seminal plasma. The specific role in these fluids is unclear but antibacterial and antiviral activity is present, consistent with a protective function.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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